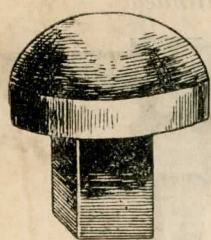
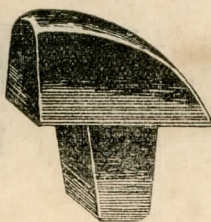


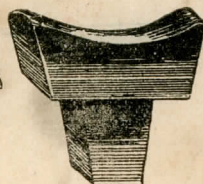
Anvils & Stakes for Silversmiths, Art Metal Workers, Etc.



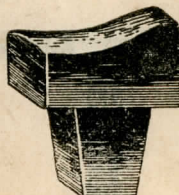
No. 48.
3/6



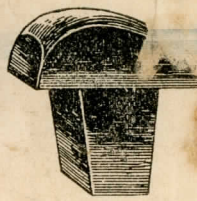
No. 49.
3/9



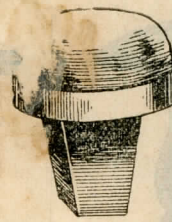
No. 50.
3/9



No. 51.
3/9



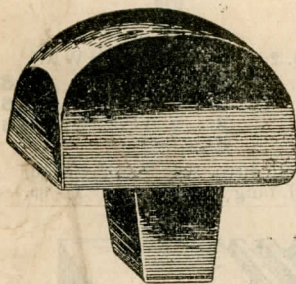
No. 52.
4/-



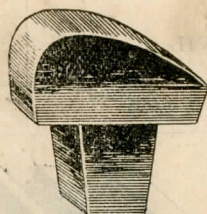
No. 53.
3/6



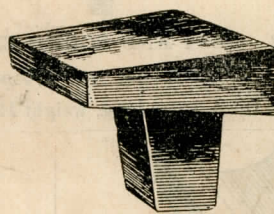
No. 54.
4/- each.



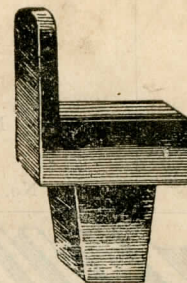
No. 55.
4/6



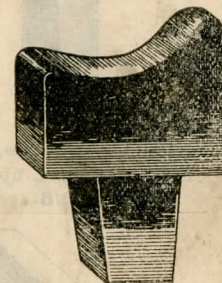
No. 56.
3/6



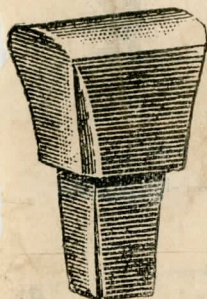
No. 57.
3/6



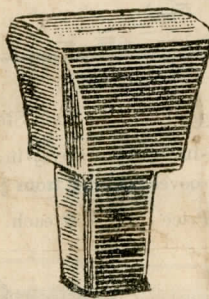
No. 58.
3/-



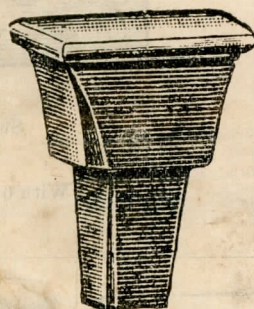
No. 59.
4/- each.



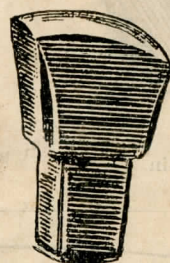
No. 88.
2/-



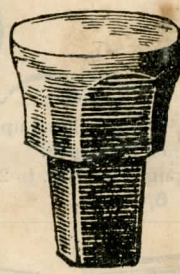
No. 89.
2/-



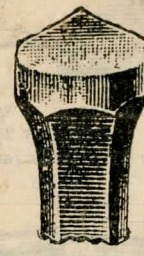
No. 90.
2/-



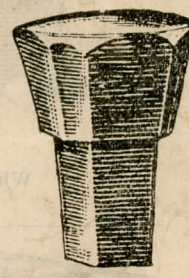
No. 91.
2/-



No. 92.
2/-

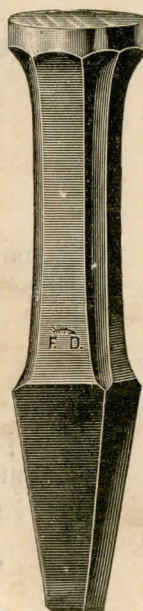
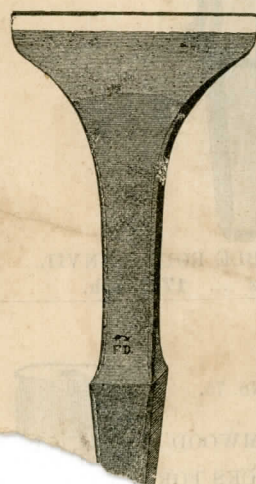


No. 93.
2/-

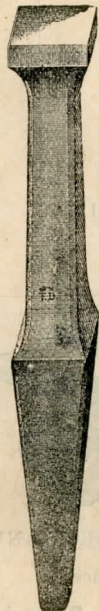


No. 94.
2/- each.

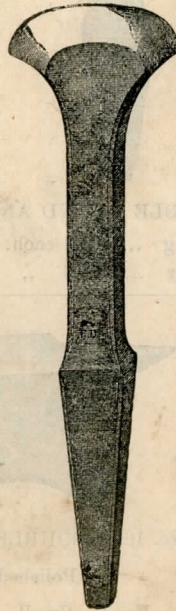
Large sizes of above from 88 to 94; approximate weight, 4-lbs., size of face, approximate, 2 3/4-in., 7/- each.



No. 34.
2/-



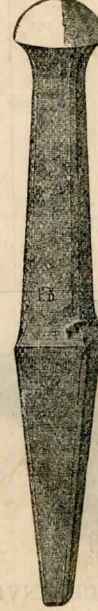
No. 35.
2/-



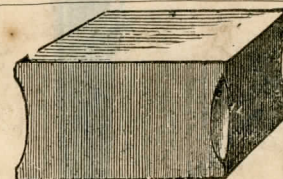
No. 36.
2/-



No. 37.
2/-



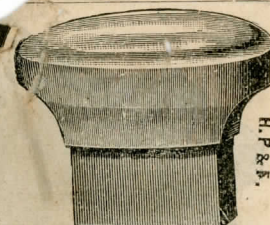
No. 38.
2/-



No. 4.—FLAT STAKES.

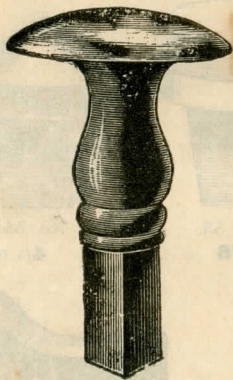
Price, each:

1 m. ... 1/-	1 1/4 in. ... 1/3
1 1/2 in. ... 1/6	1 3/4 in. ... 2/-
2 in. ... 2/6	2 1/2 in. ... 3/6
3 in. ... 5/6	3 1/2 in. ... 7/-
4 in. ... 8/-	4 1/2 in. ... 10/-



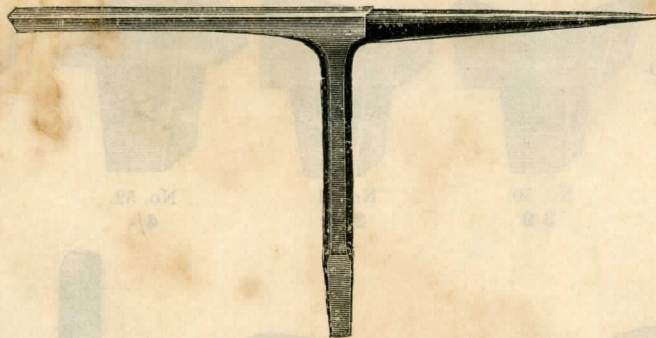
No. 64. SPOON STAKES.
With Polished Steel Faces, for
removing bruises from Spoons.

No. 1. Small Tea ...	2/6 ea.
" 2. Large " ...	2/6 "
" 3. Dessert " ...	3/- "
" 4. Table ...	3/6 "

Stakes and Anvils for Silversmiths, Art Metal Workers, Etc.—*continued.*

No. 71.

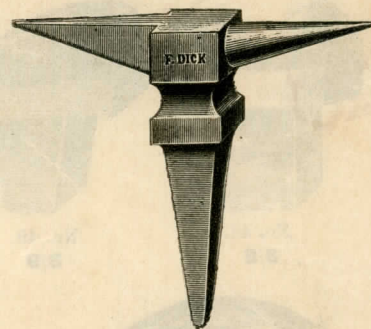
Round Faced Stakes, Domed.
From $\frac{3}{4}$ -in. diam. up to 2-in.
1/- to 2/6 each.



No. 62. FLAT AND ROUND END ANVIL.

10 $\frac{3}{4}$ ins. long ... 7/6 each.

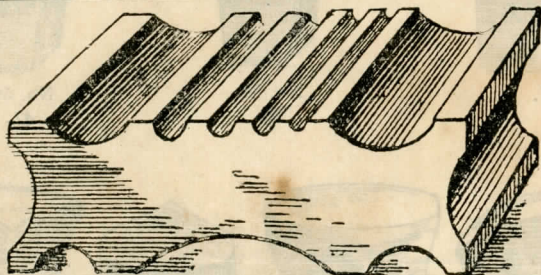
No. 62A. Ditto, extra long, weight 12-lbs. ... 18/6



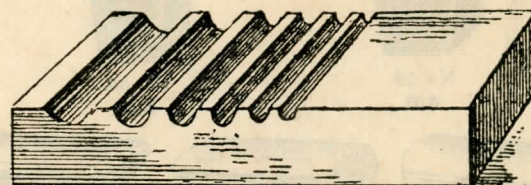
No. 2. SPARROW HAWKS.

4 oz. ...	1/3	6 oz. ...	1/6
8 oz. ...	2/-	10 oz. ...	2/6
12 oz. ...	3/-	14 oz. ...	3/6
16 oz. ...	4/-		

Small ditto, Bright, for vice, or
with tang for block ... 1/- ea.



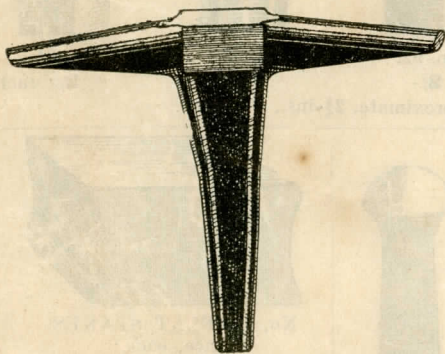
No. 88B. Swage Block. Filed up.
5-inch by 2 $\frac{1}{4}$ -inch by 2-inch.
With 11 grooves ranging from $\frac{1}{8}$ -in. to 2-in.
Price ... 6/6 each.



No. 88A.

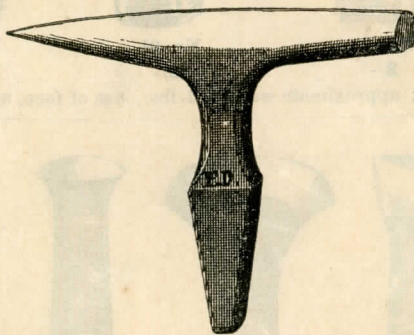
Swage Block. Solid Steel.

4-in. by 1 $\frac{1}{2}$ -in. by $\frac{1}{2}$ -in.
With 6 grooves ranging from $\frac{1}{8}$ to $\frac{3}{8}$ -in.
Price ... 4/9 each.



No. 61. DOUBLE ARM ANVIL.

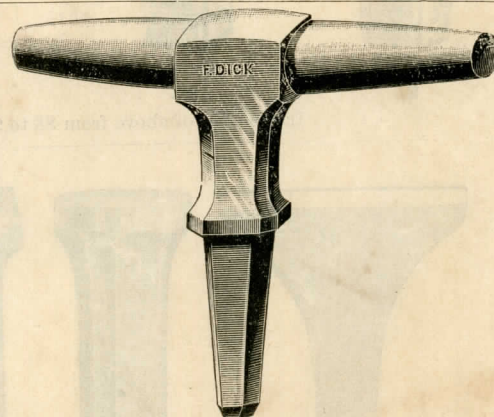
9-in. long ... 7/6 each



No. 74. DOUBLE ROUND ANVIL.

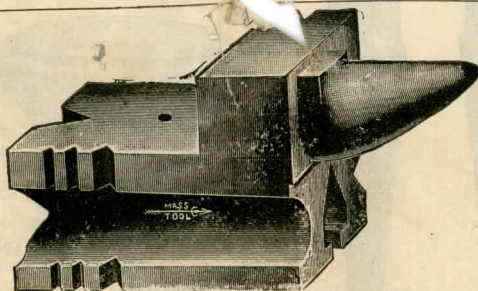
9 $\frac{1}{2}$ -in. long ... 7/6 each.

Extra heavy ... 12/6 "



No. 76. DOUBLE ROUND ANVIL.

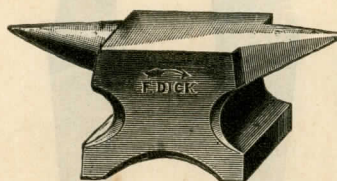
14-in. long ... 17/6 each.



No. 67. UNIVERSAL BENCH ANVIL.

In two sizes.

Length, 5-in., 8/6 each; 6 $\frac{1}{4}$ -in., 13/6 each.



No. 10. DOUBLE BECK ANVIL.

Polished Face.

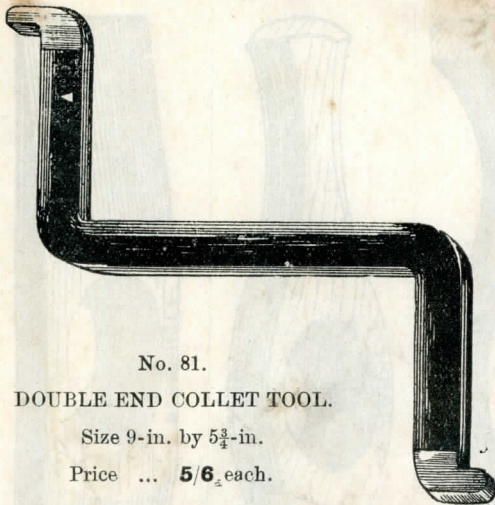
No. 1. Small ... 2/- each.

No. 75.

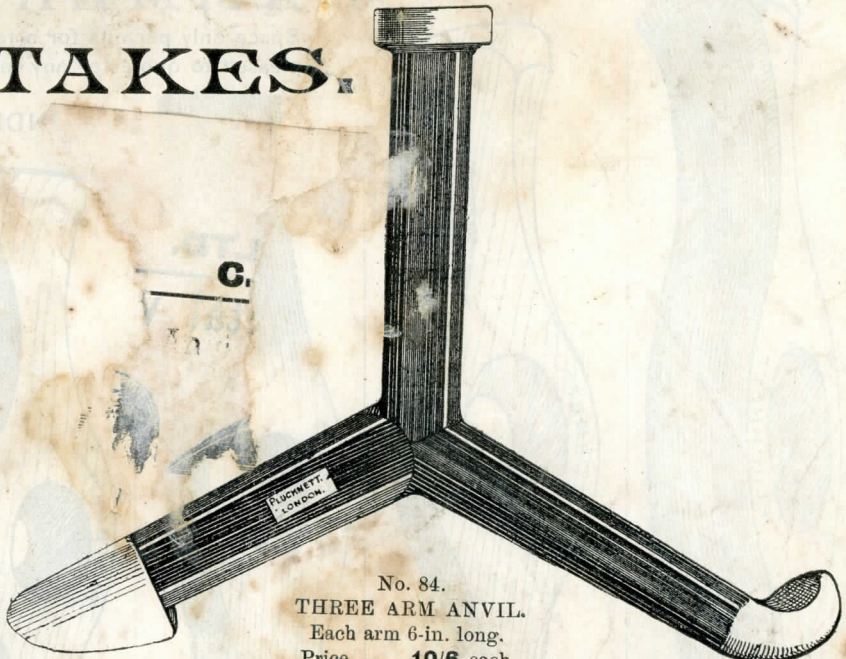
ELMWOOD
BLOCKS FOR
STAKES

7/6

STAKES.



No. 81.
DOUBLE END COLLET TOOL.
Size 9-in. by $5\frac{1}{4}$ -in.
Price ... **5/6** each.



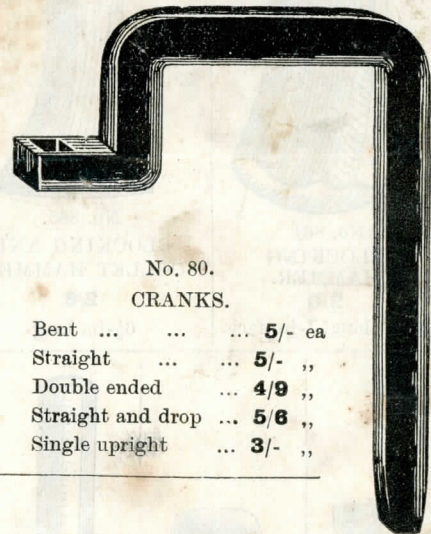
No. 84.
THREE ARM ANVIL.
Each arm 6-in. long.
Price ... **10/6** each.



No. 82.
BODY TOOL.
Size 9-in. by 7-in.
Price ... **4/9** each.



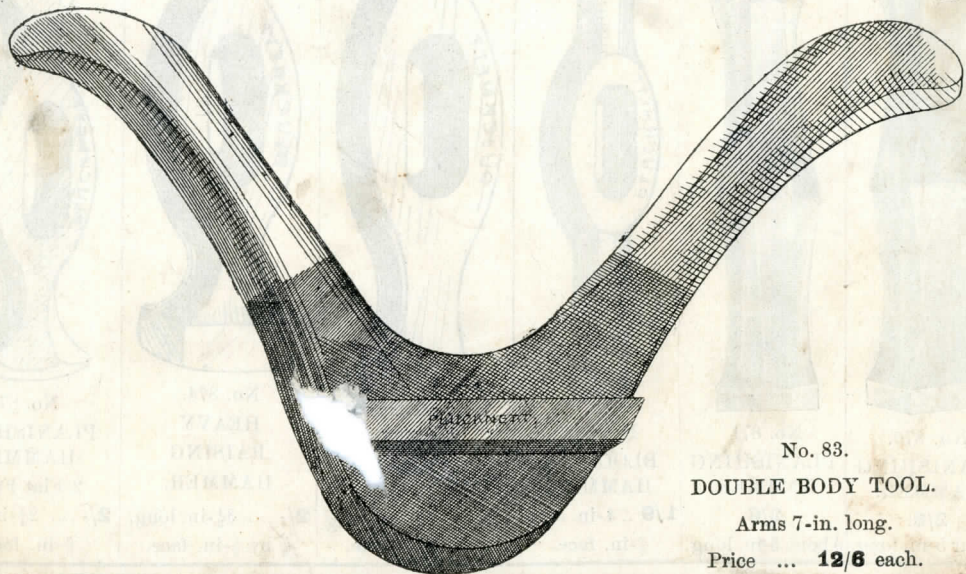
No. 78.
ROLL ARM STAKE.
Size $8\frac{1}{2}$ -in. by $7\frac{1}{2}$ -in.
Price ... **4/6** each.



No. 80.
CRANKS.
Bent **5/-** ea
Straight **5/-** „
Double ended ... **4/9** „
Straight and drop ... **5/6** „
Single upright ... **3/-** „



No. 21.
DOUBLE END
STAKE.
Two Round Faces,
Price .. **4/6** each.

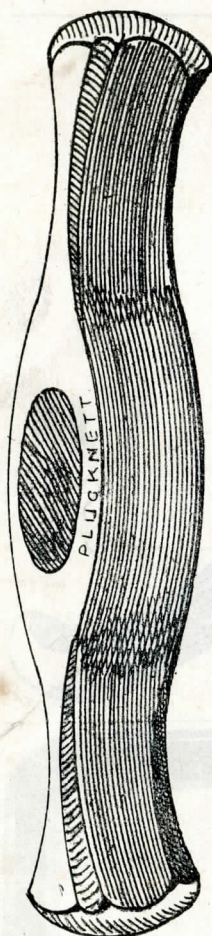


No. 83.
DOUBLE BODY TOOL.
Arms 7-in. long.
Price ... **12/6** each.

HAMMERS.

Space only permits for a few illustrations, we shall be pleased to quote for any special pattern on application.

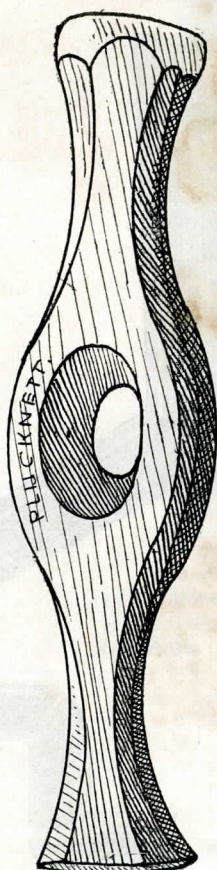
HANDLED ... 4d. to 6d. each extra.



No. 864.
BLOCKING
HAMMER.

2/6

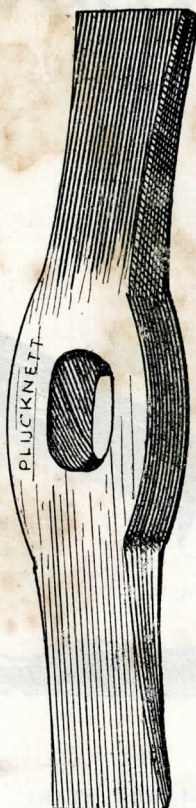
6½-in. long, 1-in. face.



No. 865.
BLOCKING AND
COLLET HAMMER.

2/6

6½-in. long.



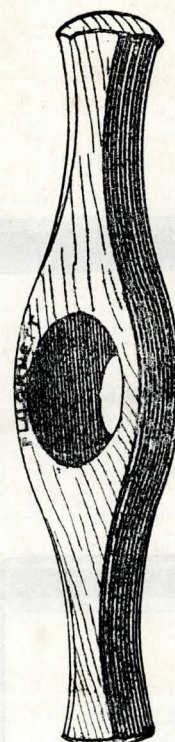
No. 866.
THIN RAISING
HAMMER.

2/- ... 5¾-in. long,
¾ by 1½-in. face.



No. 867.
COLLET
HAMMER.

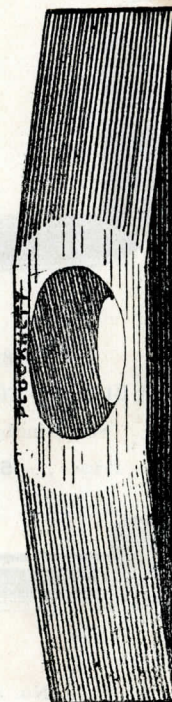
2/- ... 4½-in. long,
¾ by ¾-in. face.



No. 868.
BLOCKING
HAMMER.

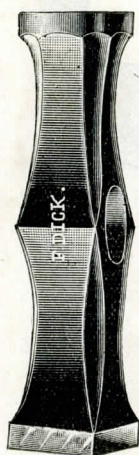
2/-

5½-in. long, 5/8-in. face ¾ by 1½-in. face ... 2/-



No. 869.
RAISING HAMMER.

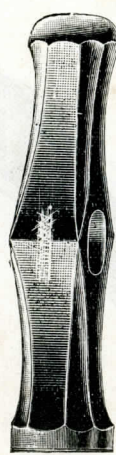
2/- ... 5-in. long,
1 by 1¼-in. face.
ditto, 4-in. long.



No. 870.
PLANISHING
HAMMER.

2/6

About 5-in. long.



No. 871.
PLANISHING
HAMMER.

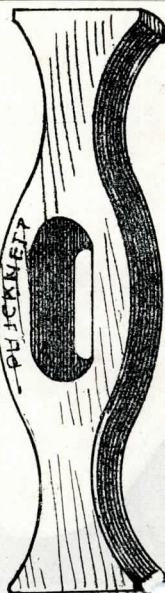
2/6

About 5-in. long.



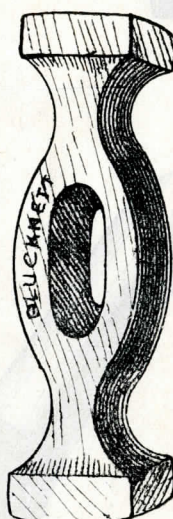
No. 872.
BLOCKING
HAMMER.

1/9 ... 4-in. long,
¾-in. face.



No. 873.
COLLET
HAMMER.

1/9 ... 4-in. long,
¾ by ¾-in. face.



No. 874.
HEAVY
RAISING
HAMMER.

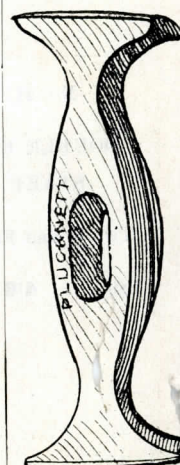
2/- ... 3½-in. long,
¾ by 1½-in. face.



No. 875.
PLANISHING
HAMMER.

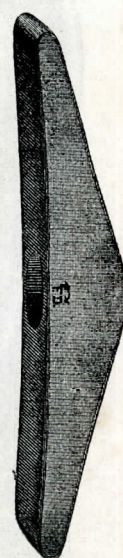
2 Flat Faces.

2/- ... 2¾-in. long,
¾-in. faces.



No. 876.
SMALL COLLET
HAMMER.

2/- ... 3-in. long,
¾ by 1½-in. face.



No. 877.
RAISING
HAMMER.

2/-

6-in. long.

No. 884. PLANISHING HAMMERS.

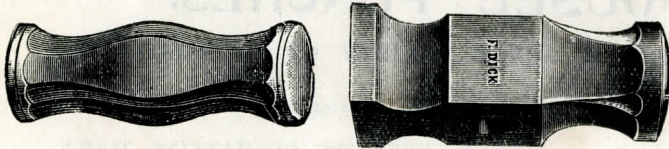


Fig. A. Fig. B.

DOUBLE FACED HAMMERS.

Both round faces, or one round and one square face.

Weight	...	3	4	6	8	10	12	14	16	ozs.
Price	...	1/-	1/-	1/4	1/6	1/9	2/-	2/3	2/6	each.

Handled ... 4d. and 6d. each extra.

No. 880. CHASER'S HAMMERS—Handled.



ROUND HANDLE.			each.	ROUND HANDLE.			each.
Weight	1 oz.	...	Price	1/3	Weight	5 oz.	Price
"	2 "	...	"	1/9	"	6 "	"
"	3 "	...	"	1/11	"	8 "	"
"	4 "	...	"	2/1	"		"

For Oval Handles add 2d. extra to above.

No. 904.

HAMMER HANDLES.

PLAIN.

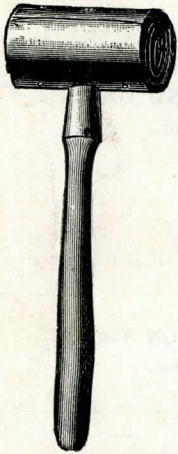
1/6	2/-	2/6	3/- doz.
2d.	2½d.	3d.	4d. each.

CHASERS' HAMMER HANDLES.

Best Lancewood.

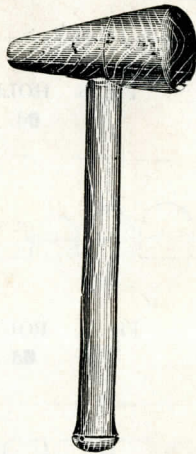
Round Shape	...	Price	4d. each.
Oval	"	"	6d. "

MALLETS.



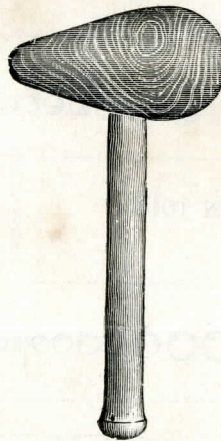
No. 888. BOXWOOD Mallet.

Diam.	1½	1¾	2 ins.
Price	6d.	7d.	8d. ea.
Diam.	2½	3	inches.
Price	10d.	1/-	each.



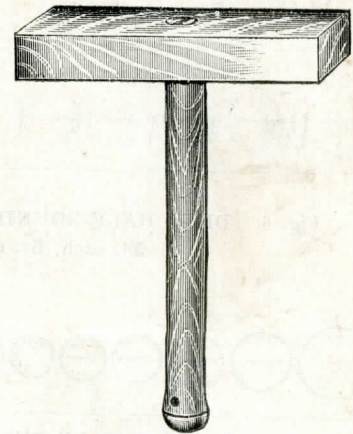
No. 889. BOXWOOD BOSSING Mallet.

Diam.	2	2½	inches.
Price	1/-	1/3	each.
Diam.	3	3½	inches.
Price	1/8	2/3	each.



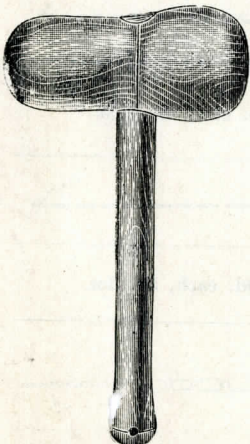
No. 890. BOXWOOD BOSSING Mallet.

Diam.	2	2½	inches.
Price	1/-	1/3	each.
Diam.	3	3½	inches.
Price	1/8	2/3	each.



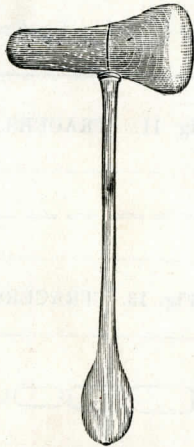
No. 891. BOXWOOD RAISING Mallet.

Size	7×3×1 in.	8×3½×1 in.
Price	1/3	1/6
Size	9×3½×1¼ in.	
Price	1/9	each.



No. 892A. Mallet.

Diam.	2	2½	inches.
Price	1/-	1/3	each.
Diam.	2½	2¾	inches.
Price	1/4	1/6	each.



No. 893.

REPOUSSE Mallet.

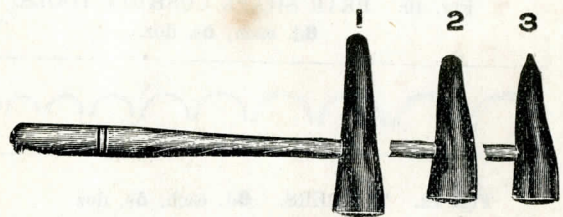
Boxwood heads and oval Lancewood Handles. 1/3 each.



No. 894.

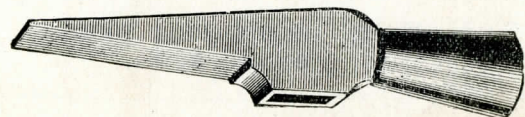
WEDGE-SHAPE BOXWOOD.

Size	1½	2	inches.
Price	9d.	11d.	each.
Size	2½	3	inches.
Price	1/2	1/8	each.



No. 897. POLISHED HORN MALLETS.

Shapes, Nos. 1, 2 or 3 ... 1/6 each. Unpolished, 1/- each.



RIVETTING HAMMER.

Heads only, flat or convex faces	...	6d. each.
Handled, ditto	...	10d. each.

CHASERS AND REPOUSEE PUNCHES.

MANY THOUSANDS ALWAYS IN STOCK, AND A GREAT VARIETY OF PATTERNS.

No. 648. When ordering do not destroy list: give shape and count from left to right, giving number and description.

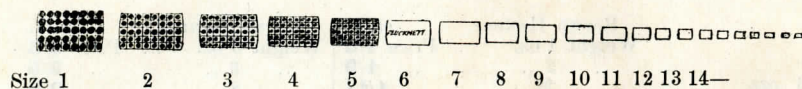


Fig. 1. FREEZING OR MATTING TOOLS.
6d. each, 5s. doz.

Fig. 2. FREEZING OR MATTING TOOLS.

6d. each, 5s. doz.

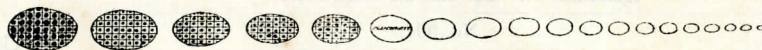


Fig. 3. HOLLOW FREEZING OR MATTING TOOLS.

From 1s each



Fig. 4. NARROW OBLONG CUSHION TOOLS.

6d. each, 5s. doz.

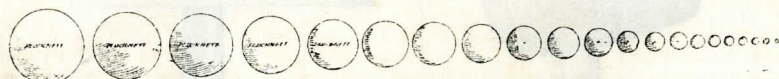
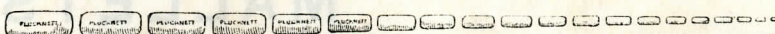


Fig. 5. HOLLOW ROUND TOOLS.
6d. each, 5s. doz.

Fig. 6. DEEP HALF-ROUND CUSHION TOOLS.

6d. each, 5s. doz.



Fig. 7. ROUND CUSHION TOOLS.
6d. each, 5s. doz.

Fig. 8. OBLONG OR SQUARE CUSHION TOOLS.

6d. each, 5s. doz.

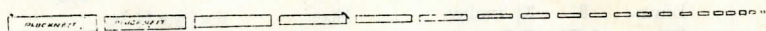
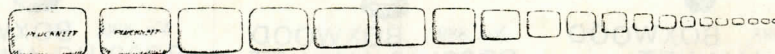


Fig. 9. TRACERS. 6d. each, 5s. doz.

Fig. 10. PEAR SHAPE CUSHION TOOLS.

6d. each, 5s. doz.



Fig. 11. TRACERS. 6d. each, 5s. doz.

Fig. 12. TRACERS. 6d. each, 5s. doz.



Fig. 13. TRACERS. 6d. each, 5s. doz.

Fig. 14. OBLONG FLAT TOOLS.

6d. each, 5s. doz.

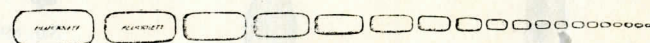
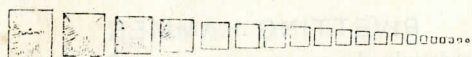


Fig. 15. SQUARE CUSHION OR FLAT TOOLS.

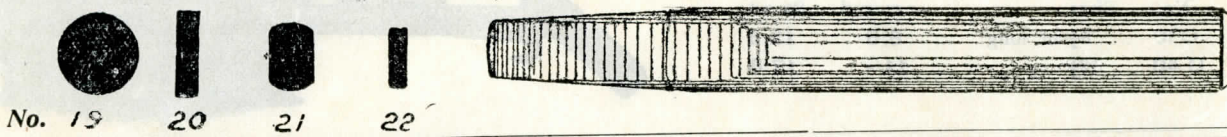
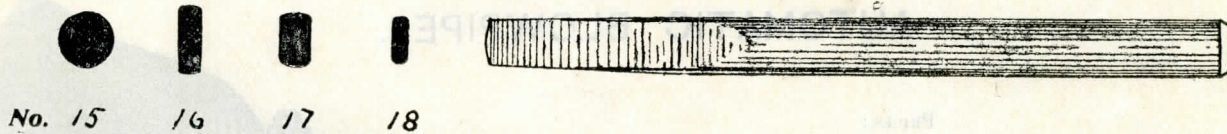
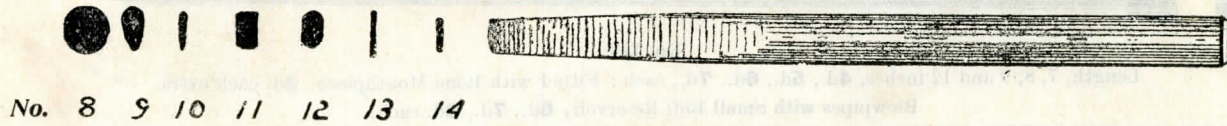
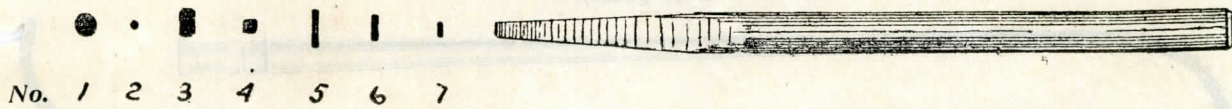
6d. each, 5s. doz.

Shapes not shown: triangular, oval, etc., etc.

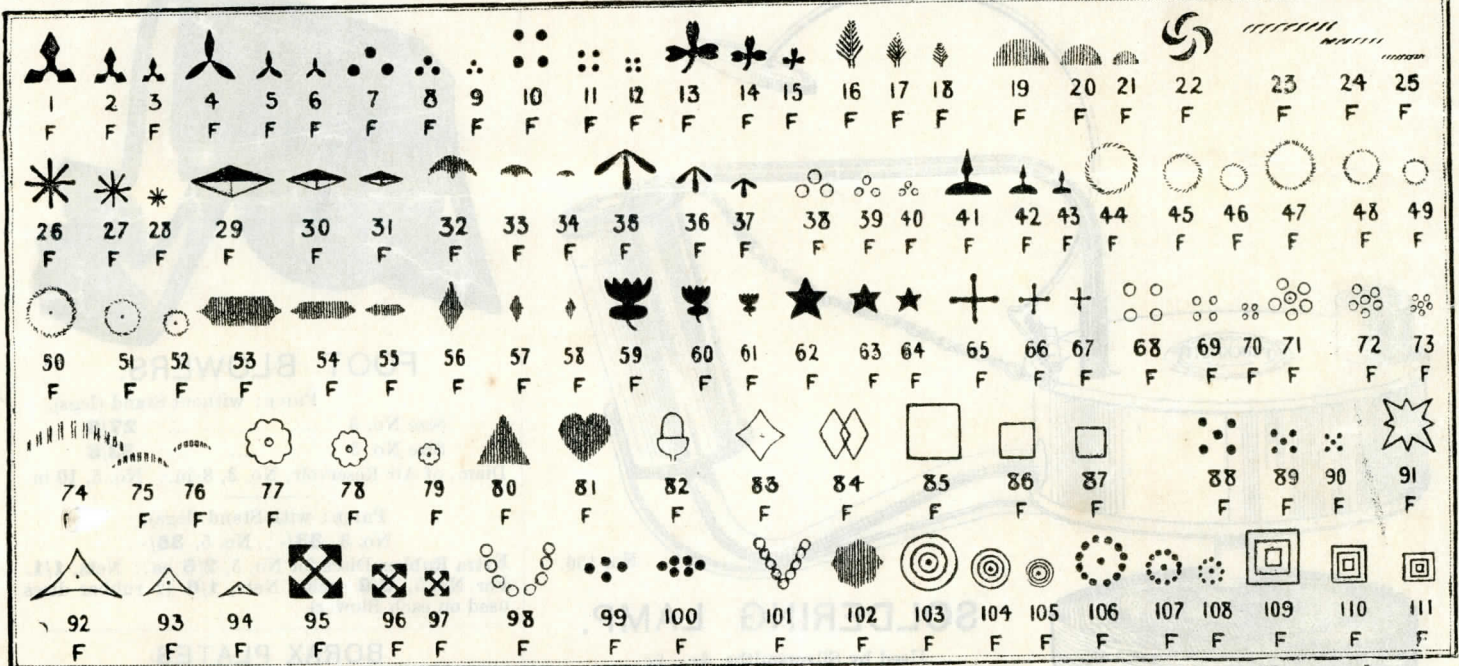
Schools supplied with selections on approval.

BRASS PUNCHES FOR METAL WORKERS, LEATHER WORKERS, &c.

No. 649. All one price 6d. each, 5/- dozen.

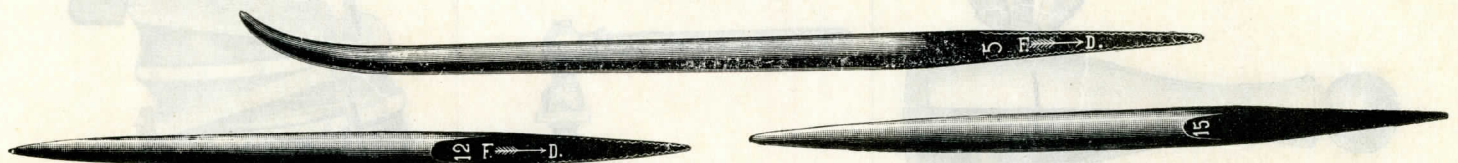


FANCY PUNCHES FOR ALL HARD AND SOFT METALS, LEATHER, &c.



No. 650. The above list comprises only a few of the Fancy Punches we stock for the different classes of art decoration. We can make designs to customer's patterns. Prices, single, 10d. each; per dozen, 9/-.

BURNISHERS.



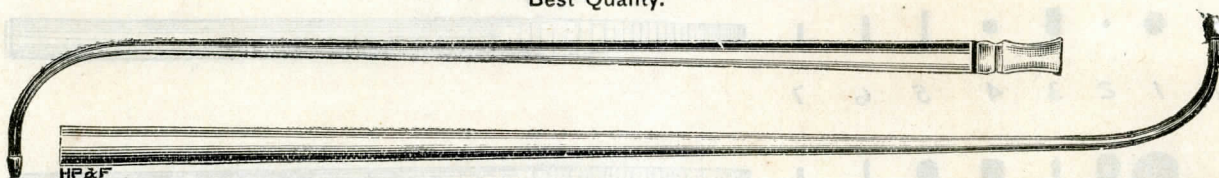
No. 380. JEWELLERS' OVAL STEEL BURNISHERS.

Polished, Straight or Bent Points.

	1½-in. to 2-in.	2½-in. to 3-in.	3½-in.	4-in.	5-in.	6-in.	8-in.	10-in.	12-in.
Price ..	6d.	7d.	8d.	10d.	10d.	1/-	2/-	3/-	4/-
„ handles	7d.	8d.	9d.	11d.	11d.	1/1	2/1	3/1	4/1

MOUTH BLOWPIPES.

Best Quality.



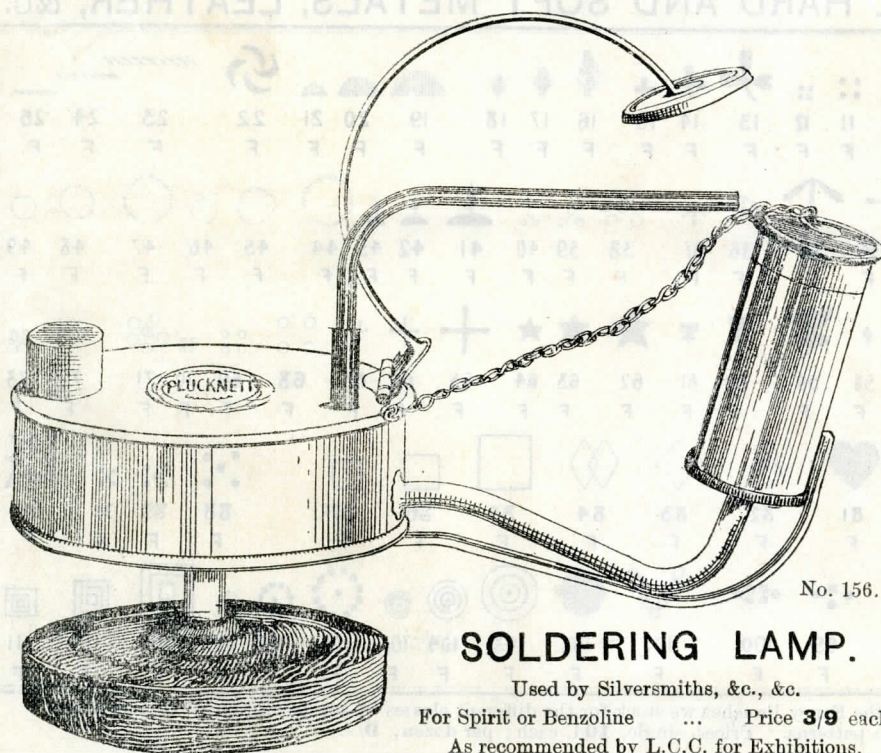
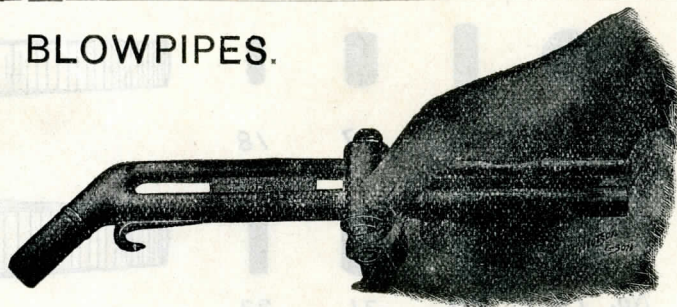
No. 126.

Length, 7, 8, 9 and 12 inches, 4d., 5d., 6d., 7d., each; Fitted with Bone Mouthpiece, 2d. each extra.

Blowpipes with Small Ball Reservoir, 6d., 7d., 8d. each.

AUTOMATIC BLOWPIPES.

No.	Sizes.	PRICES :	
		as engraved.	on Stand.
C 10	... 8½-in. long	... 8/6	12/6
C 40	... 12½-in. ,,	... 11/-	17/6



No. 156.

SOLDERING LAMP.

Used by Silversmiths, &c., &c.

For Spirit or Benzoline ... Price 3/9 each.

As recommended by L.C.C. for Exhibitions.



FOOT BLOWERS.

PRICE: without Stand (legs).

Size No. 3 ... 27/6

Size No. 5 ... 33/6

Diam. of Air Reservoir, No. 3, 8-in.; No. 5, 10-in.

PRICE: with Stand (legs).

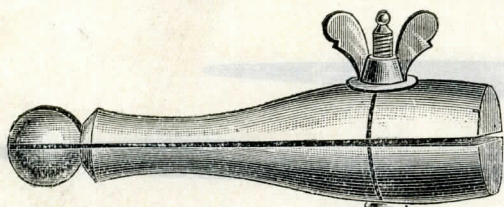
No. 3, 33/-; No. 5, 38/-

Extra Rubber Discs for No. 3, 2/6 ea.; Nets, 1/1. For No. 5, 3/6 each; Nets, 1/6 (2 rubber discs used on each Blower).

BORAX PLATES.

No. 305. 2½d. each.

Glass ditto ... 1/- each.



RING CLAMS. Boxwood.

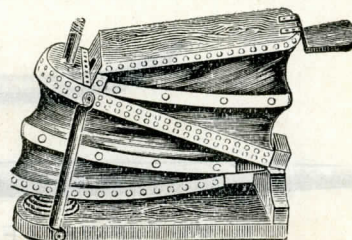
As illustrated ... price 1/- each.

ditto, simple, with wedge ... 6d. ,,



No. 124.

With Iron Foot ... 2/6 each.



P.C.L. BELLOWES.

6-in. 8-in. 9 in. 10-in. across boards
13/6 18/6 25/- 30/- each.

SOLDERING APPLIANCES.

PATENT CHARCOAL.



Genuine Chemically Prepared. New Line. The Best ever introduced.

No. 304. 5 by 3 by 1½, Price 10d. each, 9/6 per doz.

COMPO CHARCOALS.

No. 299.

Size 5 by 2 by 1½, 6d. each.

Size 5 by 2½ by 1½, 7d. each.

BORAX STICK.



No. 303.

Great saving in use,
6d. each.

IRON SOLDERING WIGS.



No. 308. Price 6d. each.

LUMP BORAX FOR SOLDERING.

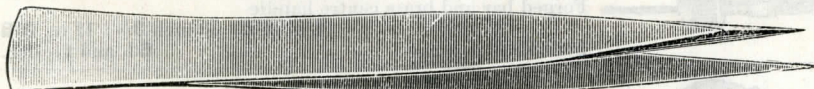
No. 303A. Picked, 10d. lb. Powdered, 4d. lb.

TRIBLETS.

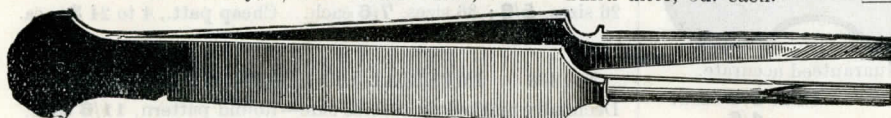


No. 515	4	6	7	8	9	10	11	12 inch
Round Triblets ...	1/-	1/3	1/6	1/9	2/3	2/9	3/3	3/9 each

TWEEZERS OR CORNTONGS.



First Quality, 1/- . Second ditto, 6d. Third ditto, 3d. each.



SOLDERING TWEEZERS, 4d. pair.

No. 188.

ASBESTOS IN SHEET

½ to ¾-inch thick, 1/6 lb.

ASBESTOS FIBRE

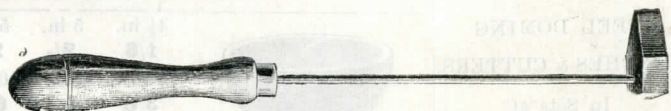
4/- lb., 6d. per oz.

ASBESTOS BLOCKS

4d. and 6d. each.

ASBESTOS BRAZING CUBES.

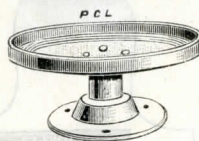
1/- lb.



STRAIGHT AND ANGLE SOLDERING IRONS.

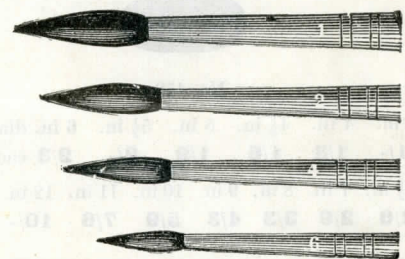
Small for Jewellers ... 6d., 7d. and 8d. each.
Large for Tinmen ... 1/-, 1/3 and 1/6 each.

Revolving Brazing Tray

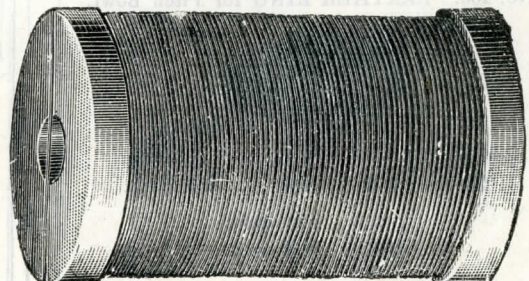


No. 195. Substantially made.	
Diam.	Price
12 in.	12/- each.
14 "	15/- "
Second Quality.	
Diam.	Price
10 in.	5/6 each.
12 "	6/6 "

BORAX PENCILS From 4d. doz.



BINDING WIRE.



Small reel, coarse, 2d. each ... Large, 3½d. each
" " medium, 2½d. " " " 4d. "
" " fine, 2d. " " " 5d. "
1-oz. hanks, fine, 1½d. 1-oz. hanks, coarse, 1d.

FURNACE TONGS.

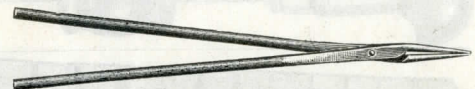
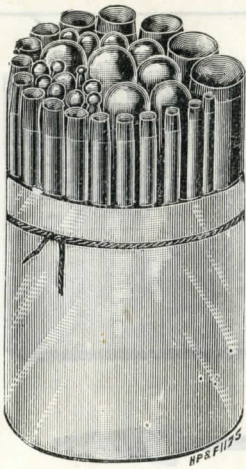


Fig. 1.

Furnace Tongs with straight or bent jaws, as Fig. 1.

10" 12" 15" 16" 18" 20" long.
Price 9d. 9d. 1/- 1/3 1/6 1/9 each.



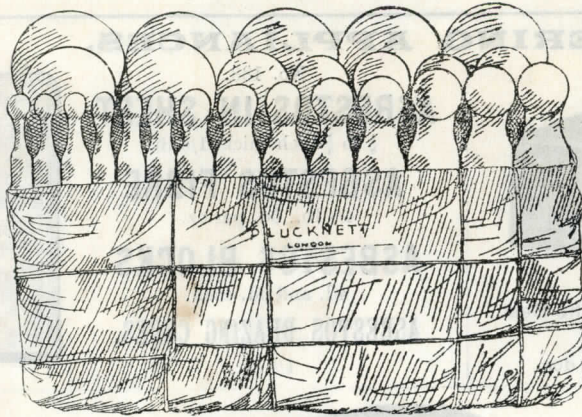
No. 401.

STEEL DOMING
PUNCHES & CUTTERS.

In Sets of

12 18 24 30 36

4/6 7/6 9/- 10/6 11/6



No. 400.

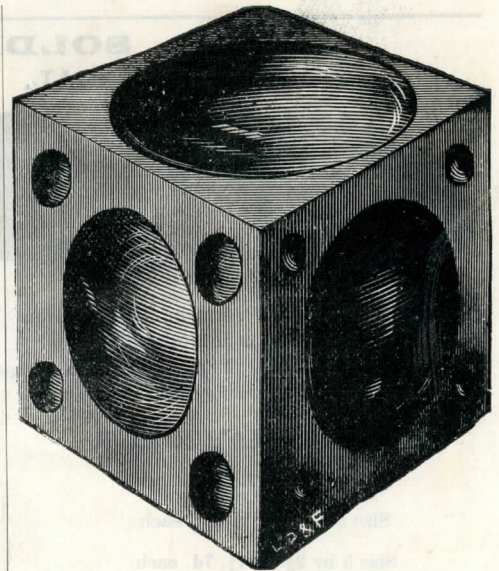
SET OF BOXWOOD DOMING PUNCHES.

27 Pieces, 5/6 set.

No. 456. ENGRAVERS'
HALF BALLS.

4½ in.	5 in.	5½ in.	6 in. diam
1/6	2/-	2/9	3/- ea.
7 in.	8 in.	10 in.	11 in. diam.
3/6	4/-	6/-	7/6 each.

PREPARED CHASER'S PITCH.

For Pitch Bowls, 8d. per lb.
Ordinary London Pitch, 4d. per lb.

No. 403. DOMING STAMPS.

Best Quality, 25 holes in each.

Size	1½	1½	1½	2½	2½	2½ inch
Bronze	5/6	7/-	8/9	11/-	14/6	17/-
Brass	5/-	6/-	7/6	8/9	11/6	13/-

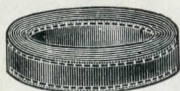
SOLID SAND BAGS.



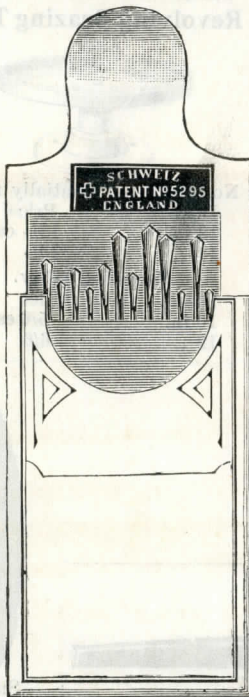
No. 458.

3 in.	4 in.	4½ in.	5 in.	5½ in.	6 in. diam.
1/-	1/3	1/6	1/9	2/-	2/3 each.
6½ in.	7 in.	8 in.	9 in.	10 in.	11 in. 12 in. dia.
2/6	2/9	3/3	4/3	5/9	7/6 10/-

No. 466. LEATHER RING for Pitch Bowl.



4½ in.	5 in.	5½ in.	6 in. diam.
2/-	2 3	2/6	2/9 each.
7 in.	8 in. diam.		
3/6	4/6 each		



6d. per pkt. assorted Drills.

No. 564.

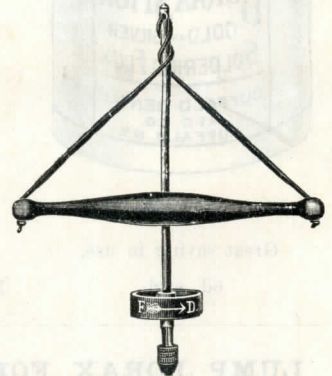


JOINT TOOL.

1/9 each.

Heavy Pattern,
Boleys, 2/6 each.

UPRIGHT DRILL STOCK.



No. 682.

Ditto French, with 2 chucks, tak-
ing large and small Drills, super
quality, 3/6 and 4/- each.

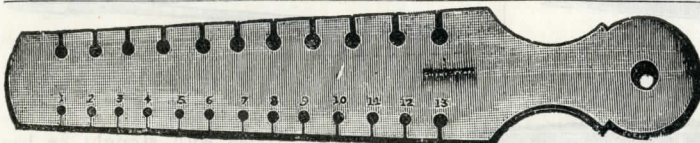
Cross for same, 3d. to 4d. each.

No. 669.

SIMPLE PATTERN ARCHIMEDIAN DRILLSTOCKS.



With 6 bits and screw chuck, cheap quality ... each 1/-
Best quality ... 8 in. 2/-; 10 in. 2/6; 12 in. 3/-
Forged bar and brass centre handle
8 in. 2/6; 10 inch 3/-; 12 in. 3/6
Drill Bits ... 6d. and 1/- doz.



No. 434.

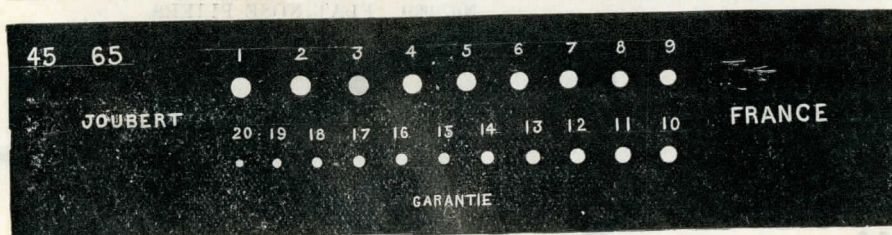
METAL GAUGE.

Guaranteed accurate.

Sizes 1 to 16	...	Long or round shape	...	Price	3/6 each.
" 1 to 24	...	" "	...	"	4/6 "
" 1 to 30	...	" "	...	"	6/6 "
" 1 to 36	...	" "	...	"	8/6 "

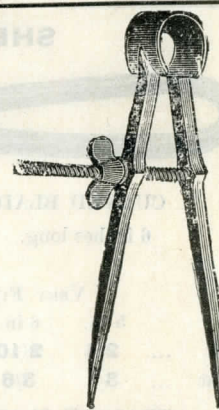
No. 437. STANDARD WIRE GAUGE. Shakespeare.
26 sizes, 5/6; 36 sizes, 7/6 each. Cheap patt., 4 to 24 3/- ea.

No. 438 IMPERIAL STANDARD WIRE GAUGE.
Decimally marked on reverse side—Round pattern, 11/6 each.



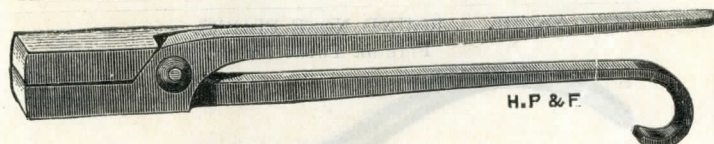
DRAWPLATE. 100 holes, assorted shapes ... **16/6.**

No. 691. a. Round Pattern, 20 holes ... **2/-** each. (As Illustration).
b. Square " " " ... **3/-** "



No. 442. **SPRING DIVIDERS.**

Black.		*English.		†French.	
3	3 1/2	4	4 1/2	5	5 1/2
6-ins.		6-ins.		6-ins.	
*2/3	2/3	2/6	2/6	2/6	2/9
†1/3	1/3	1/4	1/5	1/6	1/7
				1/9	



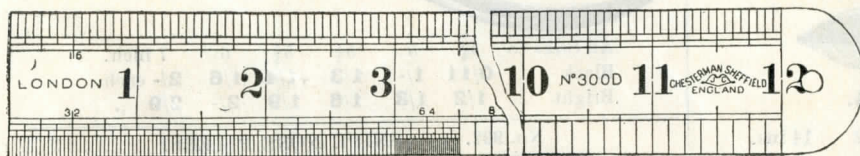
No. 673.

**HAND
DRAWTONGS.**

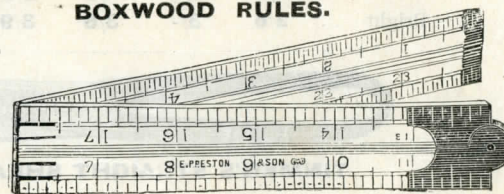
6-in., **1/6** 7-in., **1/7** 8-in., **1/8** 9-in., **1/9** 10-in., **2/-** 11-in., **2/3** 12-in., **2/6**

BOXWOOD RULES.

FINEST QUALITY STEEL RULES.

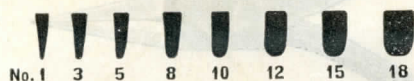


300 D. "London" on two edges, into 8, 16, 32 and 64ths.
3-in. ... **7d.** 4-in. ... **7d.** 6-in. ... **8d.** 12-in. ... **1/3**



2545. 1-in. wide, 24-in. ... **1/-**
2545. 1-in. " 36-in. ... **1/6**

No. 471. **ROUND EDGED SCULPTORS.** French **3d.** each.



No. 1 3 5 8 10 12 15 18



No. 472. **BULLSTICKS OR OVAL SCULPTORS.** No. 0-8. French, **3d.** each.



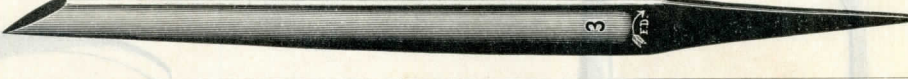
No. 1 2 3 4 5 6 7 8



No. 473. No. 0-8. French, **3d.** each.



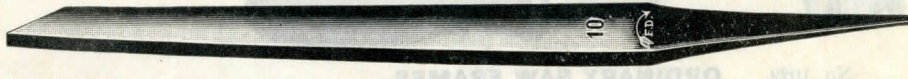
No. 1 2 3 4 5 6 7 8



No. 469. **SCORPERS AND ENGRAVING TOOLS. Flat Sculptors.** No. 0-25. French, **3d.** each.



No. 1 3 5 8 10 12 15 18



No. 464. **DOUBLE-ENDED ENGRAVERS' MARKING POINT.** 6d. each.
ditto. ditto. ditto. **AND BURNISHER.** 1/- each.



No. 680.

HOLLOW SCRAPERS—3 square pattern.
Length ... 2-2 3/4 3 3 1/2 4-ins.
Price ... **1/6** **1/10** **2/-** **2/3** ea.



No. 386.
ROUND COPPER BOILING-OUT PANS.

THICK.

Diameter:

2 3/4 2 7/8 3 1/8 3 1/4 3 3/4 4 4 1/8 4 1/2 5 1/8 6 ins.

Price:

10d. 11d. 1/1 1/3 1/5 1/8 2/- 2/5 3/- 4/3 ea.

**PORCELAIN EVAPORATING
OR BOILING-OUT DISHES.**

a. No HANDLE. Diameter:

3 3 1/2 4 4 1/2 5 6 7 8 ins.

Price:

4d. 5d. 6d. 8d. 10d. 1/3 1/9 2/6 ea.

b. WITH WOOD HANDLE.

Diameter:

3 3/4 4 4 1/2 4 3/4 5 1/4 7-ins.

Price:

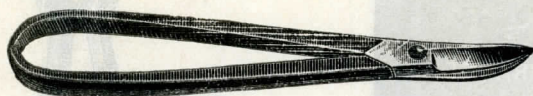
9d. 10d. 1/- 1/3 2/- 2/9 ea.



A.



B.

SHEARS.

CURVED BLADES. Light Pattern.

6 inches long. Black. Bright.

2/- and 2/6

VERY FINEST QUALITY.

	5 in.	6 in.	7 in.	8 in.
Black ...	2/4	2/10	3/4	3/10 each.
Bright ...	3/-	3/6	4/-	4/6 „

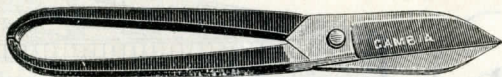
STRAIGHT BLADES. Light Pattern.

6 inches long. Black. Bright.

1/6 and 2/- each.

VERY BEST ENGLISH.

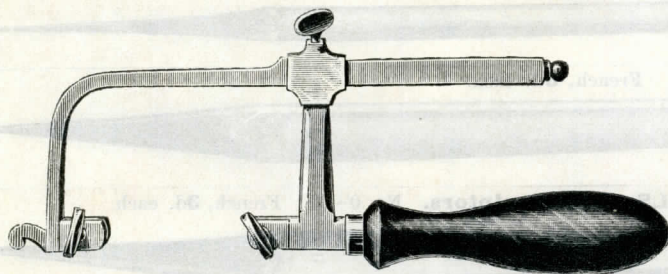
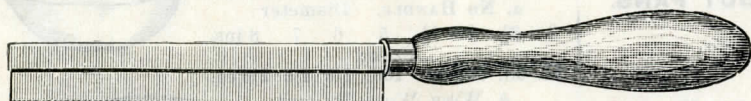
	5 in.	6 in.	7 in.	8 in.
Black ...	2/2	2/6	2/9	3/3 each.
Bright ...	2/6	3/-	3/6	3/9 „

**TINMEN'S STRAIGHT SHEARS.**

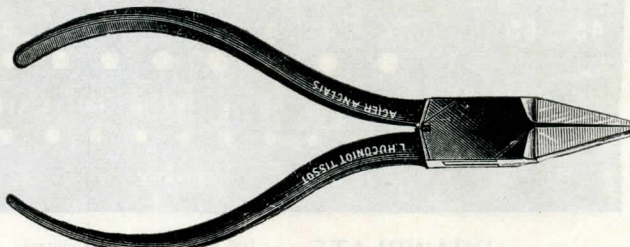
Length	6	7	8	9	10	11	12	14 ins.
Black	—	1/9	2/-	2/3	2/6	3/-	3/6	4/- each.
Foreign	—	1/6	1/9	2/-	2/3	2/9	3/-	— „
Bright	—	2/-	2/6	3/3	3/-	3/6	4/-	4/6 „

No. 1064A. **TINMEN'S BENT SHEARS.**

Length ...	7	8	9	10	12 in.
Best Quality English, Black	3/-	3/3	3/6	4/-	5/- each.

No. 1029. **ORDINARY SAW FRAMES.**2 in. and 2½ in. deep, **1/-**, **1/3**, **1/6**, **2/-**,Superior, **2/6** and **3/-**. Extra quality, **3/6** each.**PIERCING SAWS.**Blue Round Back Superior Quality, **2/6** gr.Straw square „ „ „ **2/-** gr.

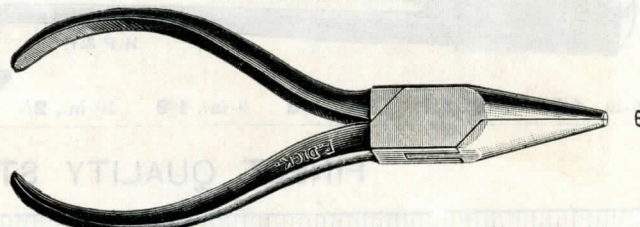
No. 1031.

BRASS BACK SAWS.Prices, Small **6d.**, Medium **8d.**, Large **10d.** each.No. 990. **FLAT NOSE PLIERS.**

All Sizes to	4¾	5	5½	5¾	6	7 inch.
Black ...	0/11	1/-	1/3	1/4	1/6	2/- each.
Bright ...	1/2	1/3	1/6	1/9	2/-	2/9 „

No. 991. **ROUND NOSE PLIERS.**

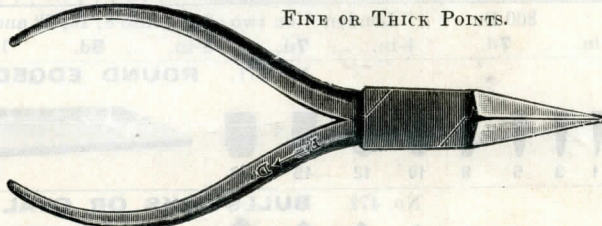
FINE OR THICK POINTS.



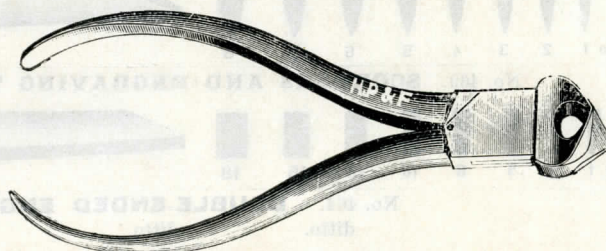
All Sizes to	4¾	5	5½	5¾	6	7 inch.
Black ...	0/11	1/-	1/3	1/4	1/6	2/- each.
Bright ...	1/2	1/3	1/6	1/9	2/-	2/9 „

No. 992. **SNIP NOSE PLIERS.**

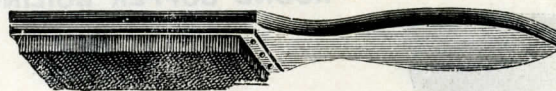
FINE OR THICK POINTS.



All Sizes to	4¾	5	5½	5¾	6	7 inch.
Black ...	0/11	1/-	1/3	1/4	1/6	2/- each.
Bright ...	1/2	1/3	1/6	1/9	2/-	2/9 „

TOP NIPPERS.No. 1006. BEST QUALITY ENGLISH BLACK.
4 in., 4½ in. and 5 in. **1/9**; 5½ in., **2/6**; 6 in., **3/-**BEST QUALITY ENGLISH BRIGHT.
3 in. and 3½ in., **2/6**; 4 in., 4½ in. and 5 in., **2/6**No. 1007. **SIDE NIPPERS.**

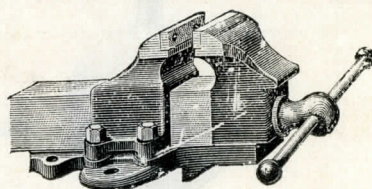
BEST QUALITY. BLACK. ENGLISH.

4 in., 4½ in. and 5 in., **1/9**; 5½ in., **2/6**; 6 in., **3/-** each.BRIGHT. All Sizes to 5 in., **2/6** each.**FILE CLEANERS.**Price, **3d.** and **4d.** each.

IMPROVED PARALLEL VICE.

Fig. 1134.

For Metal Workers and Engineers.
Best Cast Iron Body. Special Hardened Steel Jaws.
Mild Steel Screw, Handle and Set Pins.
All materials used in the making of these Vices are the best procurable of their respective kinds.
The workmanship throughout is of the highest class, and the finish unsurpassable.



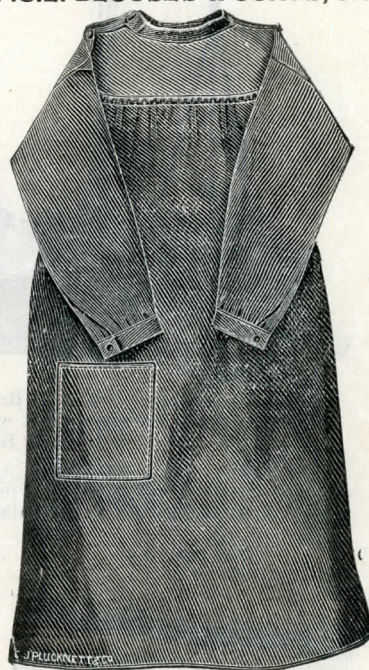
No.	Width of Jaw. ins.	Depth of Jaw. ins.	To Grip. ins.	Weight. lbs.	Price. s. d.
1A	2 3/4	1 3/4	2 3/4	7 1/2	6 6
1	2 3/4	1 3/4	3 1/2	11	8 6
2	3 1/4	2 1/4	3 1/2	19	12 6
3	3 3/4	2 3/4	5 1/4	27 1/2	15 6
3A	4 1/2	3 1/2	5 1/2	39	24 0

BENCH VICES.—Cheap quality.

Without Steel Jaws.

Size	Jaws, abt. ins.	Weight, abt. lbs.	Price, each. s. d.
10	1 1/2	1 1/2	1 6
20	2	1 3/4	1 10
30	2 1/2	3	2 6
40	3	5	3 6
50	3 1/2	7	4 9

P.C.L. BLOUSES & COATS, etc.



No. 381.

Blouses to button on shoulder or partly down front, made in the following lengths:—40, 42, 44, 46, 48, 50, 52 ins.
Price **2/6, 2/8, 2/6, 2/6, 2/8, 2/9, 3/-** ea.

No. 382. COATS.

42, 44, 46, 48, 50, 52 inches.

Price **3/6** each.

No. 383. APRONS.

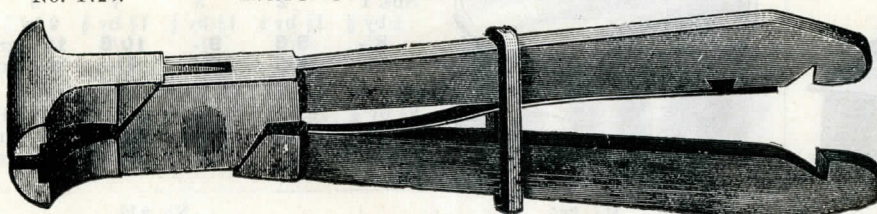
Small. Medium. Large.

Prices **10d. 1/- 1/6**

No. 1125.

LANCASHIRE SLIDE TONGS.

VICE CHOPS.

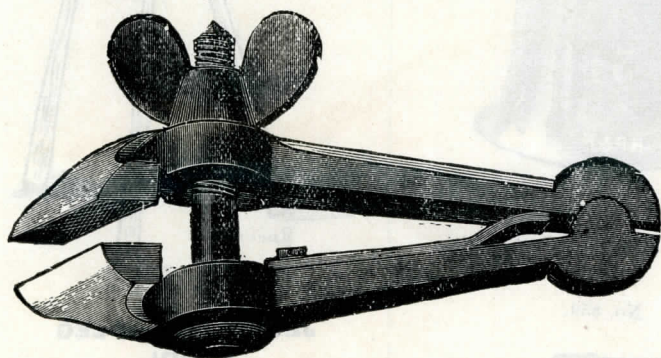


Prices ... 5 in. **2/6**; 5 1/2 in. **2/9**; 5 3/4 in. **3/-**; 5 7/8 in. **3/3**; 6 in. **3/6**

No. 1128.

BLACK HAND VICES.

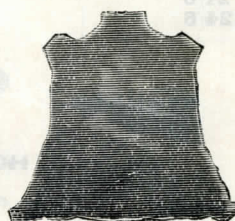
Vice or Dog Nose. Best Quality. English.



Prices ... 3 in. **2/-**, 3 1/2 in. **2/-**, 4 in. **2/3**, 4 1/2 in. **2/6**, 5 in. **3/6**, 5 1/2 in. **4/6**, 6 in. **6/6**, 7 in. **9/-**

BOARD OR BASIL SKINS.

P.C.L.



No. 244.

Price **2/6 3/- 4/- 4/6**
5/- 5/6 6/- each.

List of Precious and other Sheet Metals, Wires and Solders.

PRICES FLUCTUATE.

7 ct. gold, sheet or wire	...	30/-oz.
9 " " (Hall Marking)	40/-	"
12 " "	50/-	"
15 " "	60/-	"
18 " "	70/-	"
22 " "	85/-	"
24 " "	90/-	"
Gold solder for 7 and 9 ct. gold	20/-	"
" " 12 ct. gold	30/-	"
" " 15 and 18 ct. gold	50/-	"
Platinum, sheet or wire, prices on application.		
Best Silver Solder, highly recommended for enamel work	2/8oz.	

Rolled Gold, sheet or wire	...	from 4/-oz.
Standard Silver Sheet (special quotations for quantities)	...	from 2/7 "
" Wire, according to size and fashion	...	from 2/9 "
Fine Silver Sheet	...	3/- "
" Wire, according to size and fashion	...	from 3/- "
Common Silver Solder	...	1/8 "
<i>All the above precious metals sold by Troy Weight.</i>		
Copper Sheet and Wire. Best quality	...	1/4 lb.
Virgin Copper Sheet for enamelling	...	3/- "
Brass Sheet and Wire	...	1/- "

Alloy Copper Wire (special quotations for large quantities)	...	1/9 lb.
Gilding Metal Sheet and Wire...	...	1/4 „
Pewter Sheet, very best quality	...	2/9 „
German Silver Sheet and Wire	...	2/- „
Aluminium Sheet	...	4/- „
Aluminium Wire	...	5/- „
Nickel Sheet and Wire (Pure)	...	6/- „
Pure Tin Sheet	...	3/- „
Block Tin Sheets	...	5d. and 8d. each
Pure Lead	... 4d. lb., 7 lbs.	2/- 25/- cwt.
Bismuth	...	16/- lb.
Antimony	...	1/6 „

Steel Rods, 13 in. lengths, Bright.

Steel piano or music wire, according to size	...	from 2/- to 4/- lb.
Black Steel, suitable for tools, etc.	...	1/- "
Tinol Soft Solder (no flux required)	...	6d. and 1/- box
Ticketing Wire, white or yellow	...	6d. large reel

Sizes in Stubs, pinion gaug—				
Sizes A to Z	1-15	16-30	31-38	39-46
Price	2/-	2/6	2/6	2/9 lb.
Sizes	47-50	51-54	55-57	58-60
Price	3/-	3/6	5/-	5/6
Sizes	63-64	65-66	67-68	69-70
Price	7/-	7/6	9/-	10/- lb.

Oval Steel Mandrils for Chainmaking
3d., 4d., 5d. ft.

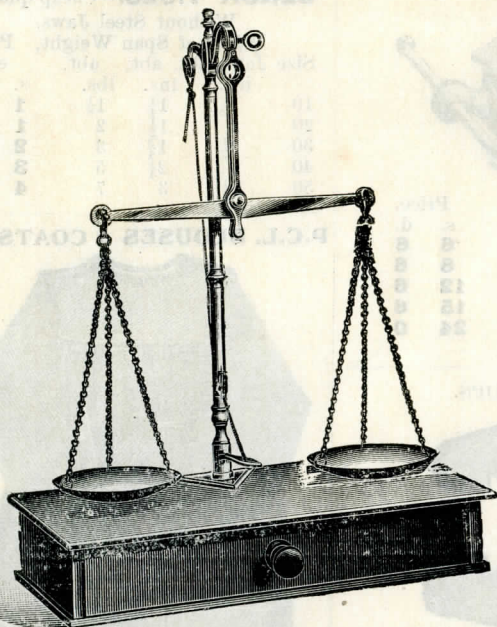
SOLDERS —

Plumbers' ...	9d. lb.	Tinmen's	11d. lb.
Blowpipe ...	1/3 "	Aluminium	10/- lb.
Brass Spelter No. 0, 1, 2	10d. lb.; 3, 4, 1/- "		
Pearl ...	...	3d. stick,	1/4 oz.

Best Charcoal Iron Binding Wire—

Sizes	10	12	14	16	18	20	22	24	Sizes	26	28	30	32	34	35	36
On Small Reels	2d.	2d.	2d.	2d.	2d.	2d.	2d.	2d. ea.	On Small Reels	2 1/2d.	2 3/4d.	2 3/4d.	3d.	3d.	3 1/2d.	3 1/2d. ea.
" Large	2 1/2d.	2 3/4d.	2 3/4d.	2 3/4d.	3d.	3d.	3d.	3d. "	" Large	2 3/4d.	3 1/2d.	4d.	4 1/2d.	5d.	5 1/2d.	5 1/2d. "
In Hanks	4d.	4d.	4d.	4d.	4d.	4d.	5d.	6d. lb.	In Hanks	6d.	6d.	8d.	10d.	10d.	1/-	1/2 lb.

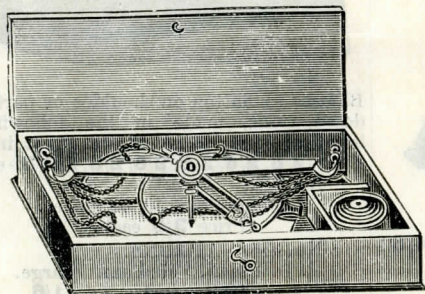
GOLD SCALES.



7 inch strong Brass Beam on Brass Lever Pillar,
11 inch Polished Mahogany Box with Drawer Brass
Chain and 4½ inch strong Brass Pans.

This Scale has a capacity of 5 ozs., and has been
specially designed with a view to producing a sensitive
scale complying with the new regulations at a moderate
rate.

Price, complete 21/6
Ditto, weights up to 2 ozs. ... 24/6



No. 1161.

WITH
TROY
WEIGHTS
COMPLETE.

GOLD SCALES, WITH BRASS CUP WEIGHTS.

To weigh 4 oz., 6/- 6 oz., 7/-
8 oz., 7/6 12 oz., 8/6 16 oz., 10/-

WITH BRASS FLAT WEIGHTS.

To weigh 4 ozs., 4/3 6 oz., 4/9
8 oz., 5/- 12 oz., 6/3 16 oz., 6/9

JEWELLER'S FLATTING MILLS AND WIRE MILLS.

All Mills are tested before sent out, being made of Solid Steel
Hardened Rolls, Cast Steel Cogs, and Iron Stand.

FLATTING MILLS, ORDINARY.

Inches.	Prices with Column Stand.	Inches.	Prices with Column Stand.
Rolls 2½ long	... 82/-	Rolls 4 long	... 143/-
" 2¾ "	... 88/-	" 4¾ "	... 154/-
" 3½ "	... 106/-	" 4¾ "	... 182/-
" 3½ "	... 121/-		

FLATTING MILLS, with Centre Screw, to give even pressure:—

Inches.	Prices with Column Stand.	Inches.	Prices with Column Stand.
Rolls 2½ long	... 110/-	Rolls 4 long	... 176/-
" 2¾ "	... 115/-	" 4¾ "	... 203/-
" 3½ "	... 137/-	" 4¾ "	... 231/-
" 3½ "	... 154/-		

WIRE MILLS.

	Price with Column Stand.		Price with Column Stand.
2 inch rolls, 14 grooves	... 77/-	3½ inch rolls, 12 grooves	... 104/-
2¾ " 16 "	... 82/-	3½ " 13 "	... 112/-
2¾ " 11 "	... 88/-	4 " 14 "	... 132/-

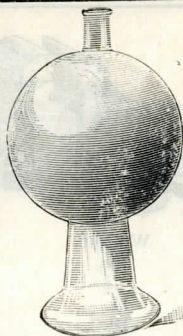
No. 245. WATER GLOBES.

To be Filled with Water to Concentrate the Light.

Small. Medium. Large.
Prices 1/9 2/3 2/9

Extra charge packing above 1/0 each.

Globes are packed and sent entirely at purchaser's risk, but
every care taken in packing to ensure safe delivery.

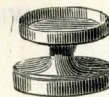


No. 250.

IRON TELESCOPIC GLOBE

STANDS 1/9 each.

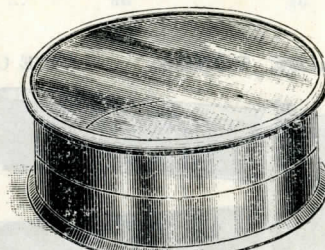
WOOD DITTO 1/3 "



No. 388. TIN BOXES. Glass Top.

Very useful for Pastes, etc.

Nos.	1	2	3	4	5
by	8	1¼ by 8	1½ by 1	1¾ by 1	2 by 1
	8/-	8/6	9/-	10/6	11/- gr.
	9d.	9d.	10d.	1/-	1/- doz.
Nos.	6	7	8	9	10
by	2¼ by 7	2½ by 7	2¾ by 7	2¾ by 7	2¾ by 1½
	12/6	22/6	25/-	27/6	30/- gr.
	1/2	2/-	2/3	2/6	3/- doz.



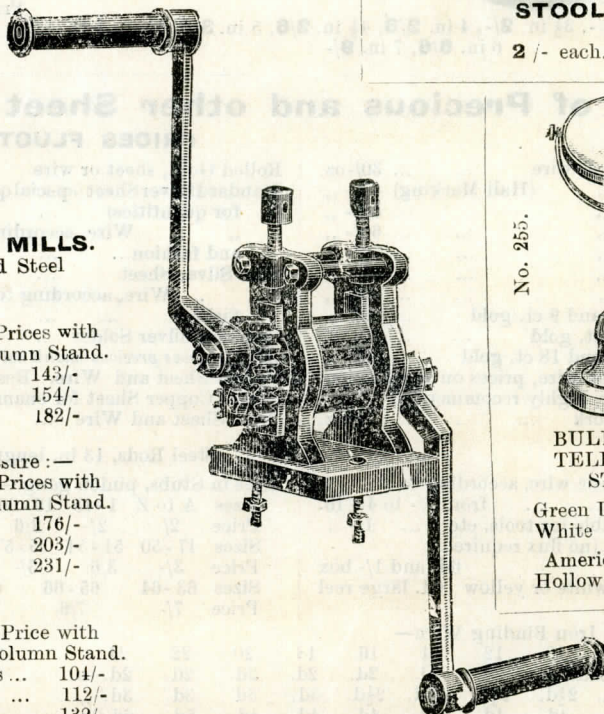
No. 665.



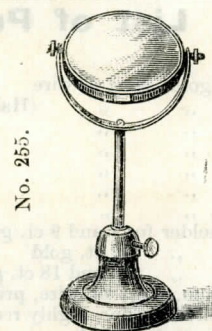
HORN EYE GLASSES.

1s. each. Second. Best quality.

No. 859.

JEWELLER'S 3-LEG
STOOL.

2/- each.

BULL'S EYE
TELESCOPIC
STAND.

Green Lense, 10/6
White " 7/6
American Pattern.
Hollow Lense, 6/6

Stone-Setters', Silversmiths' and Metal Workers' Burs,**SETTING BURS.**

No. 542.

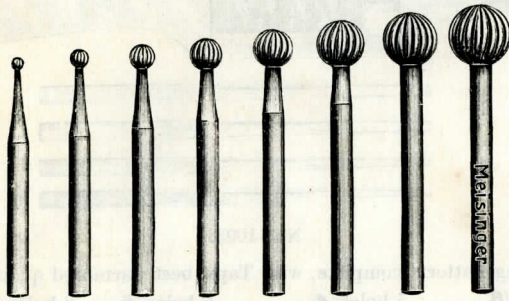


Fig. 2011 2012 2013 2014 2015 2016 2017 2018

Figs. 2011 to 2042.

Each shape of the above Setting Burs is made in 8 sizes as shown on illustrations. The smallest size is about 0.040 decimals of an inch in diameter, the largest 0.316. The diameter of shaft is about 15/128 inch. These Burs can be used in connection with a screw chuck handle as well as with a drill or lathe.

Price 4d. 5d. 6d. 7d. 8d. 9d. 10d. 1/- each.

CONCAVE SETTING BURS.

No. 539.

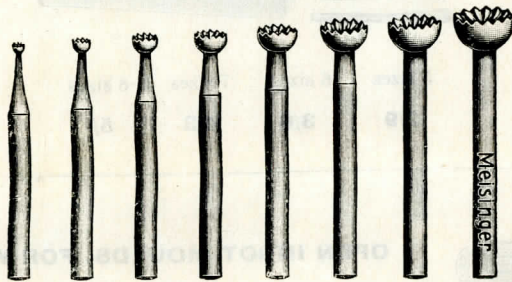
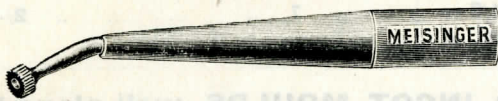


Fig. 2027 2028 2029 2030 2031 2032 2033 2034

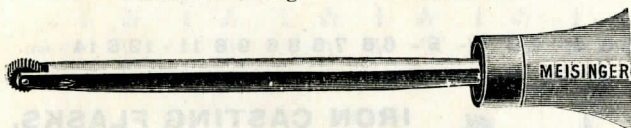
Price 4d. 5d. 6d. 7d. 8d. 9d. 10d. 1/- each.

JEWELLERS' ROULETTES FOR MAKING MILL-GRAIN BORDER.

No. 550. Straight-ribbed, 2/- each.



No. 555. Straight-ribbed, 1/6 each.



No. 554. Straight-ribbed, 2/- each.

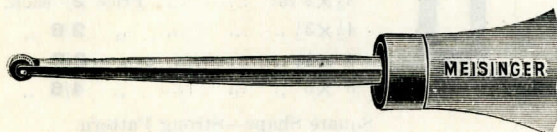


Fig. 2098. Pearl. 2/3 each.

SETTING BURS.

No. 540.

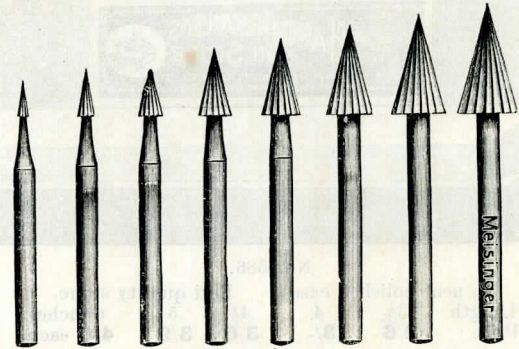


Fig. 2043 2044 2045 2046 2047 2048 2049 2050

Each shape of the above Setting Burs is furnished in 8 sizes, as shown on cuts, from about 0.010 to 0.316 decimals of an inch in diameter. Shafts about 15/128 of an inch in thickness. These Burs are for use with screw chuck handle, lathe or drill.

Price 4d. 5d. 6d. 7d. 8d. 9d. 10d. 1/- each.

SETTING BURS.

No. 541.

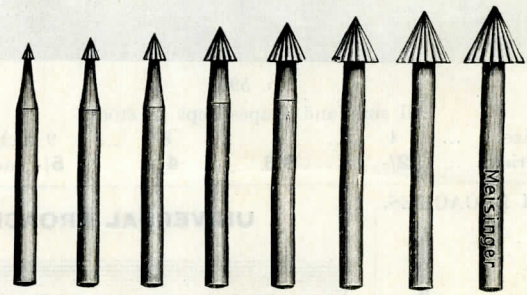


Fig. 2051 2052 2053 2054 2055 2056 2057 2058

Price 4d. 5d. 6d. 7d. 8d. 9d. 10d. 1/- each.

SILVERSMITHS' OR DIE SINKERS' BURS.

No. 538.

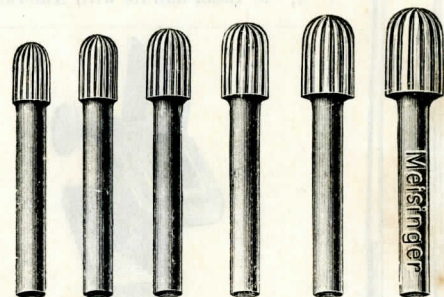


Fig. 2079 2080 2081 2082 2083 2084.

These cylindrical rounded-off Burs are made of the best silver steel and have a special sharp cut. They are very useful tools for silversmiths and die sinkers. The heads have about 3/16 to 5/16 inch, shanks 10/64 inch in diameter.

Price per Set 6/-.

ARKANSAS OILSTONES.



No. 586.

In neat polished cases. Best quality stone.
 Length $3\frac{1}{2}$ 4 $4\frac{1}{2}$ 5 6 inches.
 Price $2/6$ $3/-$ $3/6$ $3/9$ $4/6$ each.

Extra thick stone.

Length ... 4 ... 5 ... 6 inches.
 Price ... $3/9$ $5/9$ $7/6$ each.

Fine Washita Stones.

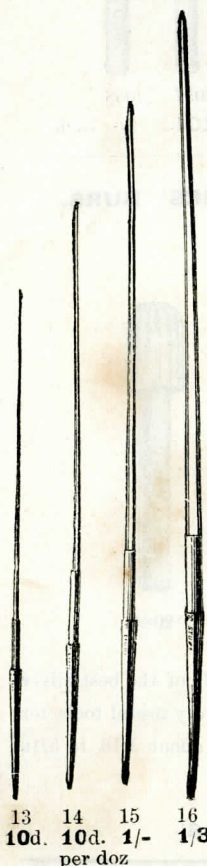


No. 596.

All sizes and shapes kept in stock.

Size ... 4 ... 6 ... 8 ... 9 inches.
 Price ... $2/-$ $3/6$ $4/-$ $5/-$ each

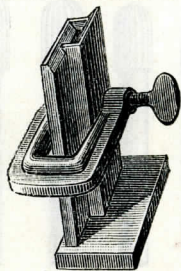
ENGLISH BROACHES.



UNIVERSAL BROACH HOLDERS.



Size 5. Black handle with American Chuck, $3\frac{1}{2}$ in. ... $6d.$ ea.
 " 6. " " " " " " 3 in. ... $6d.$ ea.
 " 7. " " " " " " $3\frac{1}{4}$ in. ... $6d.$ ea.
 " 8. Brass handle with one extra Chuck taking large or small broaches, large pattern ... $2/-$ ea.
 " 8. Ditto, medium, $1/8$, ditto, small ... $1/3$ ea.
 " 9. Steel handle with American Chuck ... $5d.$ ea.

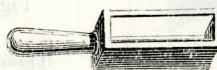


IMPROVED INGOT MOULDS, well planed.

Sliding Pattern will Cast Ingots any width up to the Maximum Width given.

Length	... $2\frac{3}{8}$	$2\frac{3}{8}$	$3\frac{1}{4}$	$3\frac{1}{4}$	4	4	5	5	6	6	8	8 in.
Width	... $1\frac{3}{8}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{3}{4}$	2	2	$2\frac{1}{4}$	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{1}{2}$..
Thickness	... $\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{8}$..
Price	... $3/6$	$4/-$	$4/6$	$5/-$	$6/-$	$6/6$	$7/6$	$8/6$	$9/6$	$11/-$	$12/6$	$14/-$ ea.

OPEN INGOT MOULDS.



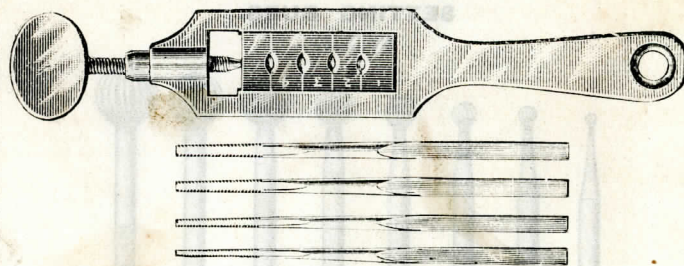
2 in. long	1 in. wide	$\frac{3}{4}$ in. deep	Price $1/-$ each.
$2\frac{1}{2}$ "	$1\frac{1}{2}$ "	1 "	" $1/-$ "
3 "	$1\frac{1}{2}$ "	1 "	" $1/3$ "
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	$1\frac{1}{4}$ "	" $1/6$ "
$4\frac{1}{2}$ "	$1\frac{1}{2}$ "	$1\frac{1}{2}$ "	" $1/9$ "
$5\frac{1}{2}$ "	$1\frac{3}{4}$ "	$1\frac{1}{2}$ "	" $2/-$ "



IRON CASTING FLASKS.

$3\frac{1}{2} \times 3$ in.	... Price $2/-$ each.
$4\frac{1}{2} \times 3\frac{1}{2}$ "	... " $2/6$ "
$6 \times 4\frac{1}{2}$ "	... " $3/6$ "
8×6 "	... " $4/6$ "
Square Shape—Strong Pattern.	
7×6 in.	... $8/-$ each.

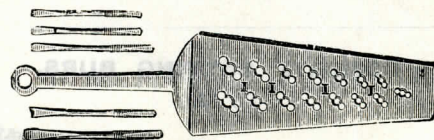
RING PATTERN STOCKS AND DIES.



No. 1093.

Ring Pattern, complete, with Taps, best warranted quality.
 4 holes, $3/6$... 5 holes, $4/-$... 6 holes, $5/-$ 8 holes $5/6$ each.
 Miniature, small, for model work, nickel plated, $3/6$ each.

BEST QUALITY NOTCHED SCREW-PLATE WITH TAPS.

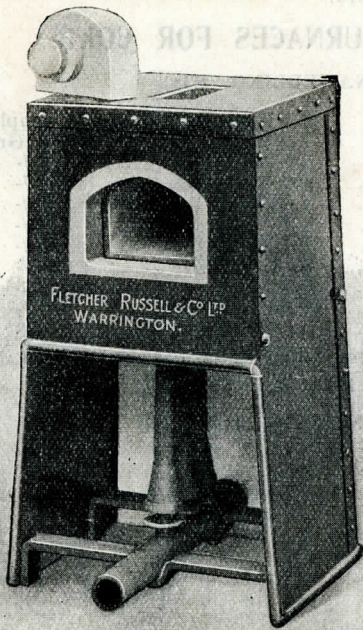


5 sizes	6 sizes	7 sizes	8 sizes
$2/9$	$3/6$	$4/3$	$5/-$

SMALL ENAMELLING FURNACE.

Specially designed for Jewellers' use.

Consumption about 18 cubic feet per hour, full on at 10/10 pressure.



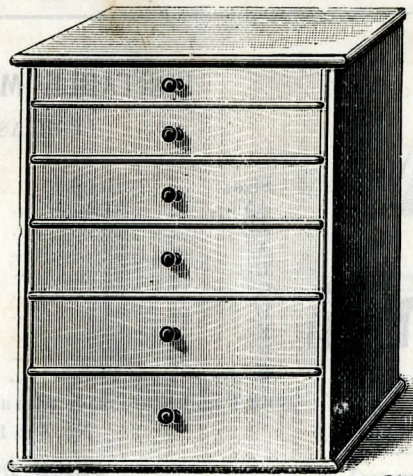
This Furnace may be used in a well-ventilated living-room without inconvenience to the occupants.

SIZE INSIDE MUFFLE:

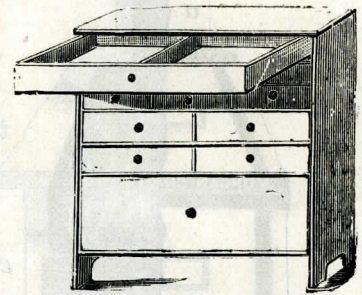
2½ in. wide, 2 in. high, 3 in. deep.

Price £1 18 0

Extra Muffles, 1/- each.

CABINET. Best London made.

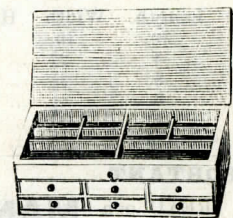
No. 1002.



10 drawers, 14 x 12½ x 9½	...	5/6
12 " 16 x 12½ x 9½	...	6/6
14 " 17½ x 12½ x 9½	...	7/6
16 " 19½ x 12½ x 9½	...	8/-
18 " 20½ x 12½ x 9½	...	8/6
20 " " " "	...	10/6

No. 1001.

	Height.	Width.	Depth.	
6 Drawers.	18¾ in.	11 in.	11 in., in Pine,	12/6
8 " "	24 " "	11 " "	11 " "	15/6
12 " "	36 " "	11 " "	11 " "	23/-

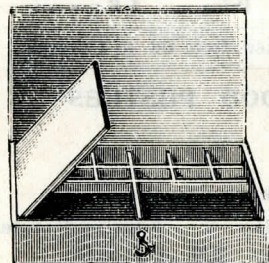
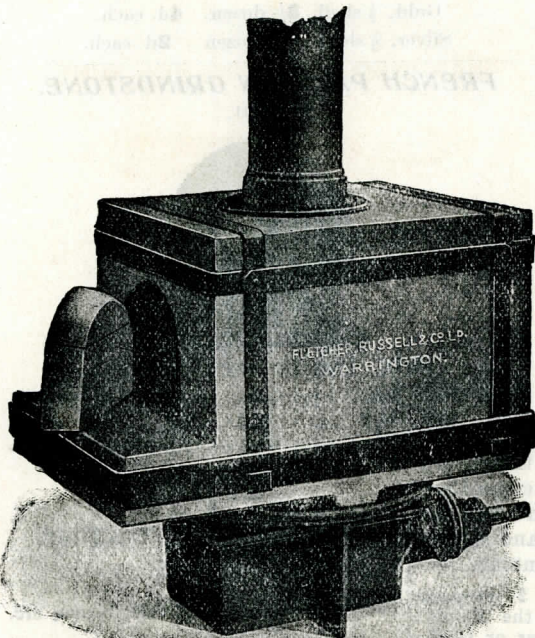
4 Drawers, Pine,
12 in. high, 12½ in. wide, 11½ in. deep, 7/6
Stained Mahogany, 2/6 extra.6 Drawers, Pine,
14 in. high, 12 in. wide, 11 in. deep, 8/6
Stained Mahogany, 3/- extra.

No. 1004. 6 drawers.

7½ in. long, 4 in. deep, 2¾ in. high, 1/6

9 drawers.

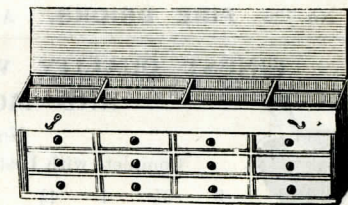
7½ in. long, 4 in. deep, 3½ in. high, 1/9

MUFFLE FURNACE.

No. 373.

FOR MATERIALSWith Inside Lid, size 6¼ by 4¼
by 1½. 9. each.

Superior Quality. 1/- each.



No. 1003. 12 drawers.

4½ in. high, 13¾ in. long, 4¼ in. deep, Pine, 3/6

Ditto ditto Hard wood, 4/-

Ditto ditto Stained Mahogany, 6/-

Ditto ditto Solid Mahogany, 7/6

No. 310. **WATER OF AYR STONES.**
SLIPS.

Size	Price	10d.	10d.	1/-	1/-	1/3	1/6	2/3	3/3	per doz.
1 in. square.										

No. 3023. FURNACE WITH DRAUGHT ARRANGEMENT. External View.

	261	461	661
Wide.	2 in.	3 in.	5 in.
High.	2 in.	3 in.	4 in.
Long.	4 in.	6½ in.	9 in.
Space Inside Muffle	2 in.	3 in.	4 in.
Gas Supply required	½ in.	¾ in.	1 in.
Gas Consumption per hour for Draught Burner	—	60 c. feet.	70 c. feet.
Price, for Draught only	40/-	45/-	80/-
Extra Muffles, Clay	1/3	2/3	3/6
" " "Salamander"	1/8	3/4	5/6
" Grids for Burners	2/2	2/2	2/2
" Gauzes for Burners	11d.	11d.	11d.

All Prices include One Fireclay Muffle.

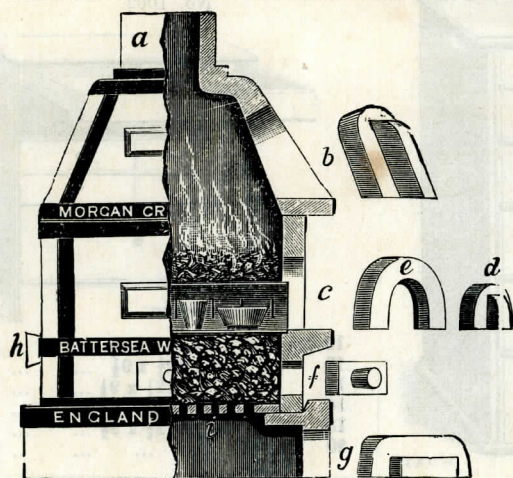
Gas Taps with full way through kept in stock.

ADAPTED FOR HIGH PRESSURE GAS WITHOUT EXTRA CHARGE.

No. 819.

PORTABLE MUFFLE FURNACES FOR COKE.

FOR ASSAYING, ENAMELLING, ETC.



Size.	Height.	Width and Depth.	For Battersea Muffles.	Price, complete with Iron Grate.
AY	24 in.	8 in.	AY, AX	20/-
AZ	26 "	9 1/2 "	AZ, A	30/-
A	29 "	12 1/2 "	A, B, C, D	48/-
B	29 "	13 1/4 "	B, C, D, E	55/-
C	33 "	14 1/2 "	C, D, E, F, H	60/-
D	34 "	15 1/2 "	D, E, F, G, H	72/-
E	35 "	16 1/4 "	E, F, G, H	83/-
F	39 "	17 1/2 "	F, G, H, J	95/-
K	48 "	23 "	K, L, LL, XX	180/-

Sizes F and K are made with an extra large top door (b) to take Salamander Crucibles.

No. 8 in Furnace F and No. 20 in Furnace K.

PRICE DOES NOT INCLUDE MUFFLES.

CLAY MUFFLES FOR COKE FURNACES.

Size.	Length.	Width.	Height.	Price.	Size.	Length.	Width.	Height.	Price.	Size.	Length.	Width.	Height.	Price.
	in.	in.	in.	s. d.		in.	in.	in.	s. d.		in.	in.	in.	s. d.
AY	4	2 1/2	2 1/2	9	C	8	4 1/2	3	2 0	H	10 1/2	5 1/4	3 7/8	2 9
AX	5	2 3/4	2 3/4	1 0	D	8 1/2	5	3 1/2	2 4	J	12	6	4	3 6
AZ	6	3 1/2	2 1/2	1 3	E	9	5 1/2	3 3/8	2 9	K	14	8	5	5 0
A	7	3 1/2	2 1/2	1 4	F	10	6	4	3 0	L	15	9	6	5 9
B	7 1/2	4 1/2	2 3/4	1 9	G	11	4	3 1/4	2 4					

IMPORTANT . . .

READ OUR **MANUAL ON ENAMELLING.**

A sure guide to success. Compiled by the Manufacturers of our Enamels. Price 1/-

No. 794. PLANCHES FOR FURNACES (ROUND).						
2 in.	2 1/2 in.	3 in.	3 1/2 in.	4 in.	4 1/2 in.	5 in. diameter.
1/9	1/9	2/3	2/6	2/9	3/-	4/- per dozen.

No. 795. **GLOVES FOR FURNACE.** Price ... 1/6 per pair.No. 796. **FIRE BRICKS.** All sizes stocked, from 9d. to 1/6 each.

FINEST QUALITY WEDGWOOD PESTLES AND MORTARS.

No. 800.

Complete with Pestle which has wood handle.



3	3 1/2	4	4 1/2	5	6	6 1/2	7	8 inches diameter.
1/3	1/6	1/9	2/-	2/3	2/6	3/-	3/9	4/9 each.

FINEST QUALITY AGATE PESTLES AND MORTARS.

No. 799.



1	1 1/4	1 1/2	1 3/4	2	2 3/16	2 3/8	2 9/16	2 3/4
2/10	3/-	3/3	3/6	4/-	4/9	6/-	7/6	8/-
				3	3 3/8	3 1/2		
				12/-	15/-	18/9		

SIMPLE JEWELLERY.

By R. L. L. B. RATHBONE.

A practical Handbook with certain Elementary Methods of Design and Construction, written for the use of Craftsmen, Designers, Students and Teachers.

Extra Crown 8vo, 94 illustrations. 6/- net.

ART ENAMELLING upon METALS.

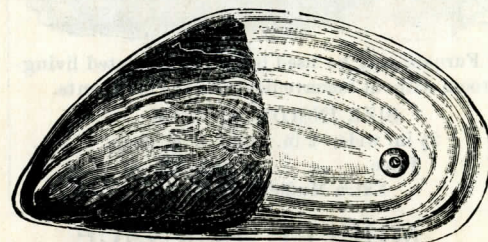
By HENRY CUNYNGHAM, M.A., C.B.

With two coloured plates and 20 other illustrations. Crown 8vo. 6/- net.

Manual of Practical ENAMELLING; this being a thorough treatise on this art in connection with OUR enamel; it quotes the number of colours as per our own list and should be a sure guide to success. Contents:—

Introduction; 1—Furnaces and Tools; 2—Preparations of the Enamels; Preparations of the Metals: (a) Iron, (b) Copper or Bronze, (c) Silver or Gold; 4—The Firing of the Enamel in the Muffle; 5—The Enamelling of Silver, Platinum, or Gold Foils; 6—A "Jour" Enamel; 7—The Grinding and Polishing of the Enamel Surface; 8 The Enamel Mat; 9—Enamel Painting; 10—Reproduction of Photographs on Enamel; 11—The Enamelling of Embossed Metal Goods, the Glitter Enamel, the Paillons; 12—Tula (Niello); 13—The Liquid Enamels; 14—Some Tricks and Hints about the Enamelling Handicraft; 15—The Patina Enamel.

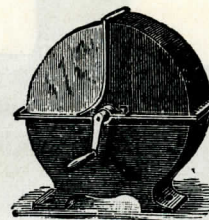
Price 1/-, post free 1/1.



Gold, 1/2 shell, 3/- dozen. 4d. each.
Silver, 1/2 shell, 1/6 dozen 2d. each.

FRENCH PATTERN GRINDSTONE.

No. 604.



IRON FRAME GRINDSTONE.

Size 5 in. 6 in. 7 in. 8 in. 10 in. 11 in. 12 in.
2/6 3/6 4/- 4/6 5/6 9/6 12/6

P. C. L.

Celluloid Silver Lacquer.

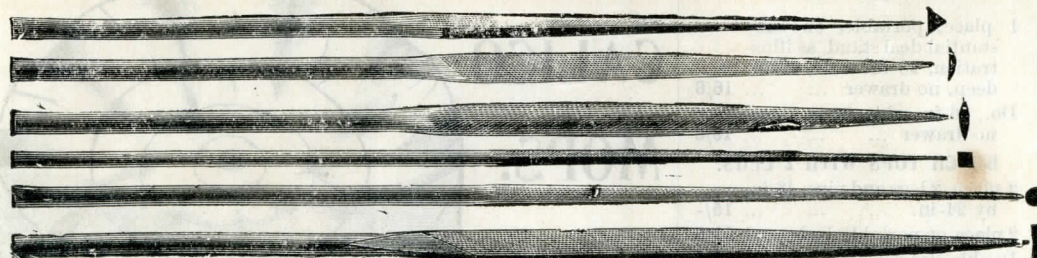
GRADE B.

For Polished Silver, Nickel, Brass, etc.

Colourless. Transparent.

This Unique Lacquer leaves a hard invisible skin of Celluloid which prevents tarnish, as neither gases, acid fumes, nor sea air affect Celluloid.

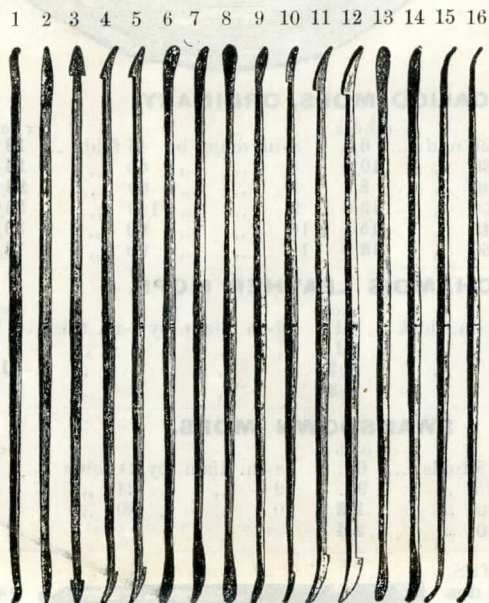
In Bottles at 1/- and 2/- each.



No. 842. **NEEDLE FILES.**

Very best quality, in six lengths.

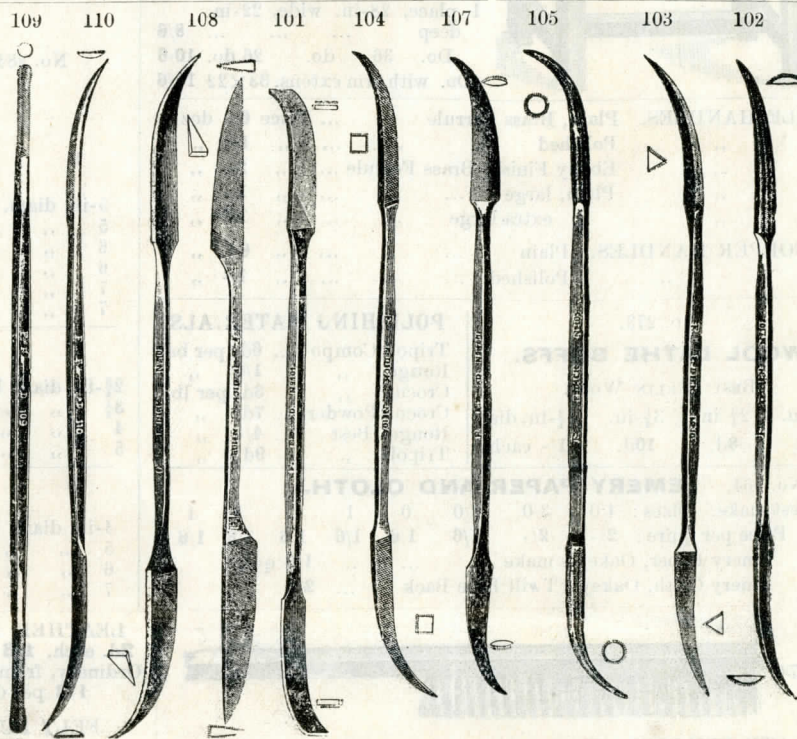
	Doz.	Gross.
4 in.	10d.	9/-
4½ in.	1/3	12/6
5½ in.	1/6	14/6
6½ in.	1/9	17/6
7 in.	2/-	21/-
8 in.	2/3	24/-



No. 852.

SMALL RIFFLERS FOR METAL WORK.

6d. each. 5/- doz. Scale about ¼ size.



No. 853. RIFFLE FILES (French Pattern). Scale ½ size.

7 inches long, 9d. each. Lancashire make, 7d. each.

FILES. Best quality, Lancashire make.



No. 840. Fig. 3. **HALF ROUND.**

Inches	Rough s. d.	Bastard s. d.	Smooth s. d.	Super s. d.	Inches	Rough s. d.	Bastard s. d.	Smooth s. d.	Super s. d.
2½	3 0	3 6	4 0	5 6 per doz.	5	5 6	6 0	7 0	9 0 per doz.
3	3 0	3 6	4 0	5 6 " "	6	7 0	8 0	9 0	11 0 " "
3½	3 6	4 0	4 9	6 0 " "	7	9 0	9 0	11 0	14 0 " "
4	4 0	5 0	5 6	7 0 " "	8	10 0	10 0	12 0	16 0 " "
4½	5 0	5 6	6 3	8 0 " "					

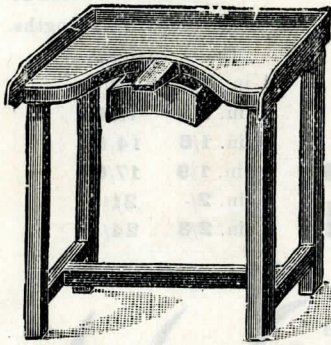
No. 810. Fig. 8. **POTTANCE OR FLAT FILES**

Inches	Rough s. d.	Bastard s. d.	Smooth s. d.	Super s. d.	Inches	Rough s. d.	Bastard s. d.	Smooth s. d.	Super s. d.
2½	3 0	3 0	3 6	5 0 per doz.	4½	4 3	4 3	5 6	7 6 per doz.
3	3 0	3 0	3 9	5 6 " "	5	4 6	4 6	6 0	8 0 " "
3½	3 3	3 3	4 0	6 0 " "	6	6 6	6 6	8 0	10 0 " "
4	3 6	3 6	4 6	6 6 " "	7	8 0	8 0	10 0	12 0 " "

No. 840. Fig. 7. **THREE AND FOUR SQUARE.** Three square in 3 shapes, viz., Jewellers, Between, Bellied.

Inches	Rough s. d.	Bastard s. d.	Smooth s. d.	Super s. d.	Inches	Rough s. d.	Bastard s. d.	Smooth s. d.	Super s. d.
2½	3 0	3 0	3 6	4 9 per doz.	5	4 6	4 6	6 0	8 0 per doz.
3	3 3	3 0	3 6	5 0 " "	6	6 6	6 6	8 0	10 0 " "
3½	3 3	3 3	4 0	5 6 " "	7	8 0	8 0	10 0	12 0 " "
4	3 6	3 6	4 6	6 6 " "	8	9 0	9 0	11 0	14 0 " "
4½	4 3	4 3	5 6	7 6 " "					

No. 235. WORK BENCHES.



- 1 place, portable, on substantial deal stand, as illustration, 28-in. wide, 22-in. deep, no drawer ... 16/6
 Do., 36-in. wide, 26-in. deep, no drawer ... 18/6
BENCH TOPS WITH 2 LEGS.
 2 place, 2 legs and pins, 48-in. by 24-in. ... 15/-
 2 place, on portable deal stand 21/6
 Double drawer with runner 2/6
 1 place, 28-in. wide, 22-in. deep ... 8/6
 Do. 36 do. 26 do. 10/6
 Do. with arm extens. 35x22 10/6

FILE HANDLES.	Plain, Brass Ferrule	...	Price 6d. doz.
"	Polished "	"	1/- "
"	Ebony Finish, Brass Ferrule	"	2/- "
"	Plain, large	"	1/- "
"	" extra large	"	1/3 "
SCORPER HANDLES.	Plain	"	6d. "
"	Polished	"	1/- "

No. 273.

WOOL LATHE BUFFS.

BEST BERLIN WOOL.

2½-in.	2¾-in.	3¼-in.	3¾-in. dia.
6d.	8d.	10d.	1/- each.

POLISHING MATERIALS.

Tripoli Compo	...	6d. per bar
Rouge "	"	1/6 "
Crocus "	"	3d. per lb.
Crocus Powder	...	7d. "
Rouge, Best	...	4/- "
Tripoli "	"	9d. "

No. 564. **EMERY PAPER AND CLOTH.**

Best make.	Sizes: 4/0	3/0	2/0	0	1	2	3	4
Price per quire:	2/-	2/-	1/6	1/6	1/6	1/6	1/6	1/6
Emery Paper, Oakey's make	...	...	...	...	...	1/6	quire.	
Emery Cloth, Oakey's Twill Blue Back	...	...	...	...	...	2/6	"	

274



PLATE BRUSHES. Hard or Medium. 4, 5, 6, 7, 8, 9 and 10-row, 6d. to 1/3

275



BONE-BACK BRUSHES. 1d. per row.

276



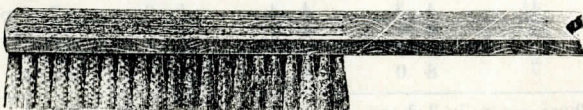
SCRATCH BRUSHES. Various Strengths. 3, 4, 5 and 6-row, 9d. to 1/6

277



BRISTLE CLOCK BRUSHES. 4, 5, 6, 7 and 8-row. 6d. to 1/-

278

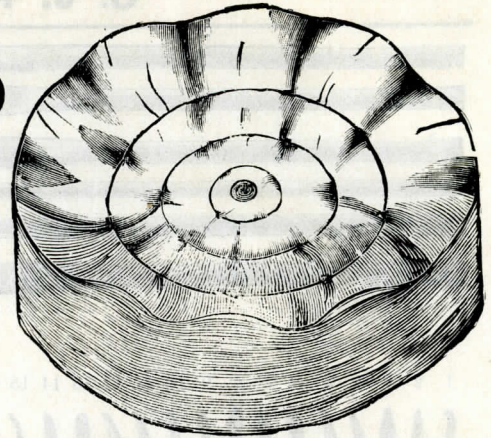


WATCH BRUSHES. Hard, Medium and Soft. 2, 3, 4, 5, 6 and 7-row. 4d. to 8d.

279



WOOL BRUSHES. For Finishing, etc. Two sizes, 6d. and 7d.

CALICO MOPS.

No. 283.

B CALICO MOPS, ORDINARY.

5-in. diam. by 30 folds	per doz.	8-in. diam. by 45 folds	per doz.
5 " " 60 " "	6/-	8 " " 60 " "	19/6
6 " " 30 " "	10/6	9 " " 60 " "	24/-
6 " " 60 " "	8/-	9 " " 120 " "	28/6
6 " " 30 " "	13/6	10 " " 60 " "	33/-
7 " " 45 " "	15/-	12 " " 90 " "	73/6
7 " " 60 " "	18/9		

C CHAMOIS LEATHER MOPS.

2½-in. diam. by ½-in. thick	each	2½-in. diam. by 1-in. thick	each
2½ " " ½ " "	6d.	3½ " " 1 " "	9d.
3½ " " ½ " "	9d.	4 " " 1 " "	1/2
4 " " ½ " "	1/3	5 " " 1 " "	1/10
5 " " ½ " "	1/8		2/6

D SWANSDOWN MOPS.

4-in. diam. by 15 folds	each	8-in. diam. by 24 folds	each
5 " " 15 " "	6d.	9 " " 24 " "	2/-
6 " " 20 " "	9d.	10 " " 30 " "	2/3
7 " " 20 " "	1/2		3/-
	2/4		

LEATHER BUFFS.
 2d. each, 1/6 per doz.
 Ordinary, from 1½d. ea.,
 1/3 per doz.

FELT BUFFS.
 3d. each.

ROUND BUFFS, 2d. ea.
 HALF-ROUND
 BUFFS, 2d. each.

EMERY BUFFS,
 8d. per doz.

SCRATCH BRUSHES.
 From 6d. each.
 Per bundle, from 3/-

GLASS SCRATCH
 BRUSHES.
 1/- each.

EMERY BUFFS.
 1d. each, 6d. doz.

FELT BUFFS ... 3d. and 4d. each.

No. 270. **RING FELT BUFFS.** Large, 9d. Small, 6d. each.
RING WOOL BUFFS. " 9d. " 6d. "

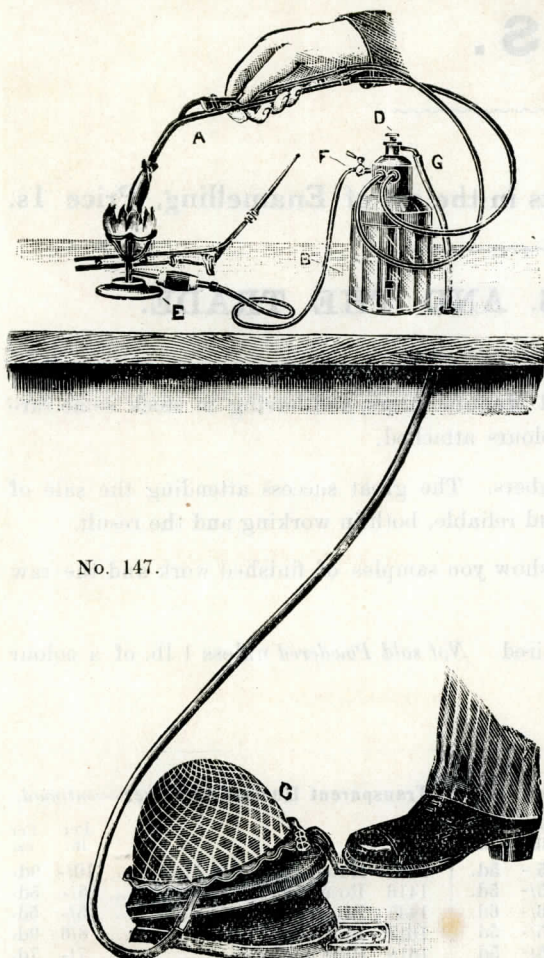
BENCH PEGS.

Price ... 1½d. each.



**SAM'S IMPROVED SAFETY (Gasoline) BLOWPIPE
OUTFIT FOR JEWELLERS, Etc.**

Beautifully finished, Nickel-plated, simple & easy to operate



No. 147.

An absolutely safe glass generator has been provided. The mixture of air is regulated by the valve on top of the generator, thus producing the true blue flame. This valve serves to graduate the air supplied above the absorbent and there mixed with the vapour-laden air forced through the absorbent, thereby insuring absolutely correct proportions for perfect combustion under all conditions. A powerful flame may be maintained for a great length of time without impoverishing the fluid. The improved thumb valve "V" on the blowpipe permits instant or gradual change of flame from heavy brush to the finest needle point. When set the valve remains permanently in position, and an unvarying flame is produced. This outfit is absolutely "non-blow-out." By means of a special clip the Handpiece will stand alone on the work bench in any desired position.

Price complete with bellows ... **61/-**
Ditto, without annealing branch ... **54/-**

The above without bellows less **21/-** each off above prices.

HAND BOOKS.

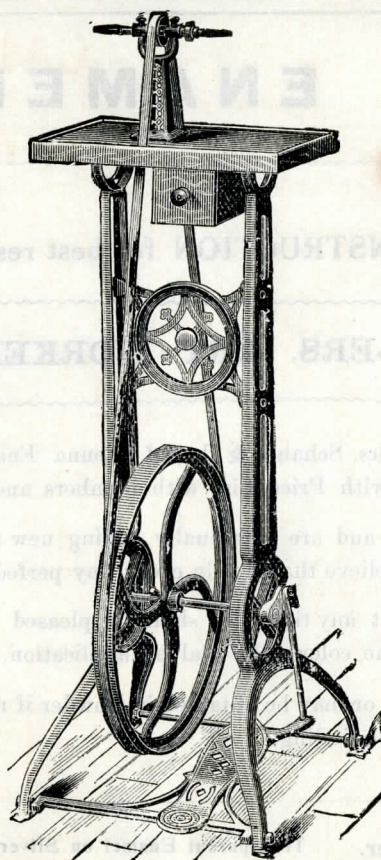
No. 10.—**STAINED AND LEADED GLASS.** Written and illustrated by W. T. WHITEHEAD, a Practical Glass Stainer. The first book ever published which has fully described this useful craft as an amateur hobby. Instructions for making window-screens, fire-screens, fancy windows, hall lamps, doors for china closets, etc., etc. Any deft fingered person may well take up the craft. Price 6d. Post free 7d.

No. 17.—**REPOUSSE AND METAL-CHASING.** By C. G. LELAND, M.A. Easy lessons, step by step, in Metal-chasing and Repoussé. A beginner can learn the work without other teacher. Price 6d. Post free 7d.

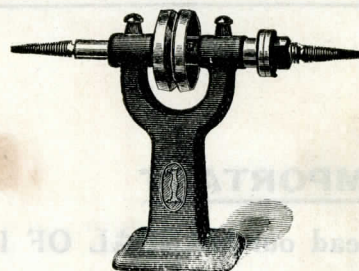
No. 43.—**LEATHER WORK.** By HALLTON EAST. Blind and colour tooling, gold blocking, leather mosaic, appliqué, and patch work; pressed modelled and moulded leather; leather-covered relief, cuir bouilli, carton cuir, and cut leather or scroll work. Price 6d. Post free 7d.

No. 10.—**SOLDERING, BRAZING AND THE JOINTING OF METALS.** By THOMAS BOLAS, F.C.S., F.I.C. Third Edition. Revised, Enlarged and with additional Notes. Price 6d. Post free 7d.

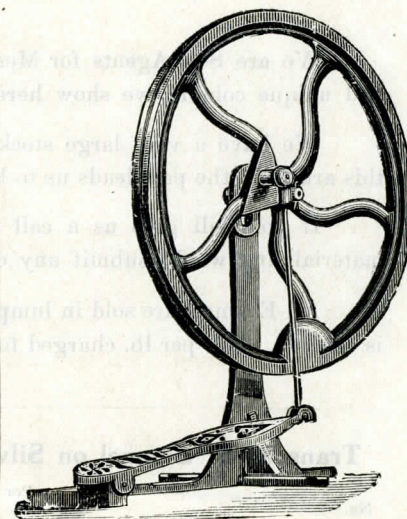
ENAMELS AND ENAMELLING. For enamel makers, workers in gold and silver, and manufacturers of objects of art. By PAUL

P.C.L. Foot Polishing Lathe.

No. 723. The Cheapest lathe in the trade, suitable for Jewellers and general Polishing. Fitted with Lathe Head, as illustrated, and round band. No. O, **25/-** With Splash Hood. **2/6** extra.

LATHE HEAD.

No. O. For Brush and Wheel.

Price **4/-**Ditto, with Chuck for Drill, **5/-**

No. 730. Lathe Wheel, 16 in. diameter.

Price **14/6** each.

RANDAU. Translated from the German. With sixteen illustrations. Demy 8vo, 180 pp. Price 10s. 6d. net. Post free, 10s. 10d. home; 11s. abroad.

THE ART OF ENAMELLING ON METAL. By W. NORMAN BROWN. Twenty-eight illustrations. Crown 8vo, 60 pp. Price 2s. 6d. net. Post free 2s 9d. home and abroad.

No. 26.—**STONE CUTTING AND POLISHING.** By GEO. DAY, F.R.M.S. Instructions whereby an amateur, with very little outlay may cut and polish pebbles, shells, etc., and mount them as geological specimens, or as simple jewelry and small useful articles. With hints as to where and how to find the decorative stones of the sea-shore agate, chalcedony, cornelian, etc. Price 6d. Post free 7d.

No. 28.—**JEWELRY AND TRINKETS (Home made).** By ALEC. TEAGUE. Full, simple instructions for making effective and beautiful articles of personal adornment, with the minimum of labour, and with very few and cheap tools. Price 6d. Post free 7d.

No. 29.—**CHINA DECORATION AND REPAIR.** By the Rev. F. C. LAMBERT, M.A. Simple instructions for painting, engraving, and otherwise decorating china, porcelain, earthenware and glass. Price 6d. Post free 7d.

No. 2.—**WOOD-CARVING FOR BEGINNERS.** By C. J. LELAND and "JACK PLANE." Instructions to enable anyone without a teacher, to do simple but very effective wood-carving. Price 6d. Post free 7d.

MODELLING IN CLAY, WAX, Etc. By the Rev. F. C. LAMBERT, M.A. A guide to modelling in plastic substances, whereby the beginner can dispense with a teacher. The author's sketch models of very elementary objects are photographically illustrated, so as to show the "touch" and handling necessary; the few requisite tools and appliances are illustrated by diagrams; and more advanced work is reproduced from the studio of a sculptor. Price 6d. Post free 7d.

PAINTING ON GLASS AND PORCELAIN, AND ENAMEL PAINTING. A complete introduction to the Preparation of all the colours and fluxes used for painting on porcelain, enamel, faience, and stoneware, the coloured pastes and coloured glasses, together with a minute description of the firing of colours and enamels. By FELIX HERMAN, Technical Chemist. With eighteen illustrations. 300 pp. Translated from the German second and enlarged edition. Price 10s. 6d. net. Post free, 10s. 10d. home; 11s. abroad.

ENAMELS.

IMPORTANT

Read our **MANUAL OF INSTRUCTION** for best results in the art of Enamelling, Price 1s.

TO ENAMELLERS, ART WORKERS, AND THE TRADE.

We are Sole Agents for Messrs. Schauer & Co., of Vienna, Enamel Manufacturers, and having in stock some rare and unique colours, we show herewith Price List with numbers and colours attached.

We have a very large stock, and are continually adding new numbers. The great success attending the sale of this article in the past leads us to believe that it is in every way perfect and reliable, both in working and the result.

If you will give us a call at any time, we shall be pleased to show you samples of finished work and the raw material, and would submit any one colour for trial on application.

All Enamels are sold in lump, or may be obtained in Powder if required. *Not sold Powdered unless 1 lb. of a colour is ordered. 6d. per lb. charged for grinding.*

Transparent Enamel on Silver.

No.		Per lb.	Per oz.
1	Crystal, colourless ...	2/8	3d.
1x	" " " ...	3/6	4d.
1w	" " " ...	3/-	3d.
2	" " bluish shade ...	4/6	4d.
3	Yellow, dark ...	5/-	5d.
4	" " " ...	7/6	8d.
5	" " light ...	7/6	8d.
6	Brown, light ...	5/-	5d.
7	" " dark ...	5/-	5d.
8	Ruby, red, dark ...	10/-	9d.
9	" " " medium ...	8/-	8d.
10	" " " light ...	5/-	5d.
11	Orange ...	17/6	1/4
12	Ruby red, very dark ...	17/6	1/4
13	Rose* ...	5/-	5d.
14	Old Mauve ...	5/-	5d.
15	Olive Green ...	5/-	5d.
16	Grey, dark II ...	5/-	5d.
16	Green, greyish ...	5/-	5d.
17	" " " " ...	5/-	5d.
18	" " " " ...	5/-	5d.
19	Russian Green ...	5/-	5d.
20	Light Green, Yellowish ...	5/-	5d.
21	" " " " ...	5/-	5d.
22	" " " Bluish ...	5/-	5d.
23	" " " Emerald ...	5/-	5d.
24	" " " " ...	5/-	5d.
25	Olive Green ...	5/-	5d.
26	Mauve, dark ...	5/-	5d.
27	" " light ...	5/-	5d.
28	Steel Blue ...	5/-	5d.
29	Sky Blue ...	5/-	5d.
30	Blue, dark ...	5/-	5d.
31	" " Indigo ...	5/-	5d.
32	Violet Blue ...	5/-	5d.
33	" " " " ...	5/-	5d.
34	Sea Blue, light ...	5/-	5d.
35	" " " dark ...	5/-	5d.
36	Turquoise, Greenish ...	5/-	5d.
37	" " " " ...	5/-	5d.
38	" " light ...	5/-	5d.
39	Black ...	5/-	5d.

Transparent Enamel on Silver—continued.

No.		Per lb.	Per oz.
40	Blue, Indigo, light ...	5/-	5d.
41	Bark Blue ...	5/-	5d.
42	Black ...	6/-	6d.
43	Blue ...	5/-	5d.
44	Lilac ...	5/-	5d.
45	Turquoise Blue ...	5/-	5d.
46	Dark Violet ...	5/-	5d.
47	Violet, very dark ...	6/-	6d.
48	Green, very dark ...	6/-	6d.
49	Turquoise ...	5/-	5d.
50	Lilac, dark ...	5/-	4d.
51	" " " " ...	5/-	5d.
52	Blue ...	5/-	5d.
53	Swallow blue ...	5/-	5d.
54	Blue, very dark ...	5/-	5d.
55	Violet, light ...	5/-	5d.
57	Sea Green ...	5/-	5d.
58	Med. Sea Green ...	5/-	5d.
59	Dark Sea Green ...	5/-	5d.
60	Pale Turquoise ...	5/-	5d.
61	Steel Blue ...	5/-	5d.
62	Steel blue, light ...	5/-	5d.
63	Green Blue ...	5/-	5d.
83	Green* ...	5/-	5d.
84	Grey Green* ...	5/-	5d.
85	Rose (on crystal flux) ...	8/6	9d.
86	Yellow Green° ...	5/-	5d.
87	Orange ...	19/-	1/6
88	Olive, dark ...	5/-	5d.
89	Green, light ...	5/-	5d.
90	Purple, light ...	5/-	5d.
91	Blue Grey ...	7/-	7d.
92	Indigo Blue ...	7/-	7d.
93	Olive, iridescent ...	8/6	9d.
94	" " " " ...	8/6	9d.
95	Yellow Grey ...	7/-	7d.
96	Champagne Colour ...	7/-	7d.
97	" " " " ...	7/-	7d.
98	Yellow ...	7/-	7d.
99	Blue Grey ...	7/-	7d.
1372	Opal, Bluish ...	16/6	1/6
1394	Turquoise, dark ...	7/-	7d.

Transparent Enamel on Silver—continued.

No.		Per lb.	Per oz.
1401	Ruby, Red ...	10/-	9d.
1416	Rose, light* ...	5/-	5d.
1447	Blue Grey, dark ...	5/-	5d.
1617	Blue Green ...	8/6	9d.
1618	Blue Violet ...	7/-	7d.
1619	Grey Blue ...	8/6	9d.
1620	Blue Grey ...	7/-	7d.
1621	Yellow Grey ...	7/-	7d.
1622	Grey, light ...	7/-	7d.
1624	" " " " ...	7/-	7d.
1625	" " " " ...	7/-	7d.
1627	Opal Green (on crystal flux) ...	16/6	1/6
1628	" Green Blue " ...	16/6	1/6
1629	" Bluish " ...	16/6	1/6
1630	" Green " ...	16/6	1/6
1631	" Blue " ...	16/6	1/6
1633	" Rose " ...	21/-	1/7
1634	" Bluish " ...	16/6	1/6
1636	Olive	8/6	9d.

*All Enamels marked * must be melted upon crystal, not directly upon the metal.*

Opal Tints for Silver.

No.		Per lb.	Per oz.
64	Opal ...	5/-	5d.
70	" Flux ...	9/-	9d.
71	" White ...	32/-	2/3
72	" White ...	32/-	2/3
73	" Dark Blue ...	25/-	1/9
74	" Greenish ...	28/-	2/-
75	" Pink ...	40/-	2/9
76	" Transparent ...	15/-	1/3
77	" Light Blue ...	28/-	2/-
78	" Greenish Blue ...	30/-	2/3
79	" Dark Blue ...	36/-	2/6
80	" Bluish ...	6/-	6d.
81	" Pink, light ...	6/-	6d.
82	" Greenish ...	6/-	6d.
	Tula (Niello), hard ...	25/-	1/9
	Tula (Niello), soft ..	20/-	1/6

ENAMELS—continued.

All colours marked A as under are specially prepared for Limogen work, and may be used on Silver Platina, or Gold Foil on copper or iron ground metal.

No.	Per lb.	Per oz.
1A Crystal ...	6/-	6d.
2A Lighter shade than No. 2 ...	6/-	6d.
3A Light Yellow ...	6/-	6d.
4A Lighter Brown than No. 6 ...	6/-	6d.
5A " Yellow " No. 5 ...	6/-	6d.
6A Dark Purple Brown ...	6/-	6d.
9A Bright med. Red ...	10/-	9d.
11A Dark Orange ...	17/6	1/4
12A Dark Ruby Red ...	17/6	1/4
13A Pink, very pale Red ...	9/-	8d.
15A Pale Olive Green ...	6/-	6d.
16A Light Greyish Green ...	6/-	6d.
17A Bright Green ...	6/-	6d.
18A Pale Bluish Green ...	6/-	6d.
19A Light Yellowish Green ...	6/-	6d.
20A Greenish Yellow ...	6/-	6d.
21A " " darker shade ...	6/-	6d.
22A Dark Green, bright ...	6/-	6d.
25A Dark Blue ...	6/-	6d.
26A Bright med. Mauve ...	6/-	6d.
27A Very Light Mauve ...	6/-	6d.
28A Light Mauve, pink shade ...	6/-	6d.
34A Bright Blue, light ...	6/-	6d.
35A " " dark ...	6/-	6d.
35B " " very dark ...	6/-	6d.
36A Bright Turquoise ...	6/-	6d.
37A " " lighter ...	6/-	6d.
38A Bright Sea Green ...	6/-	6d.
39A " " lighter shade ...	6/-	6d.
40A Dark Sky Blue ...	6/-	6d.
41A Blue, very dark ...	6/-	6d.
42A Bright Grey Green ...	6/-	6d.

Transparent on Copper.*

* Enamellers on the Continent use for the transparent enamels Gilding Metals on which these enamels come out brighter and more brilliant than on copper.

No.	Per lb.	Per oz.
100 Crystal, colourless ...	2/6	3d.
101 " " ...	2/6	3d.
102 Amber Yellow ...	3/6	4d.
103 Gold Yellow ...	6/-	6d.
104 " " ...	6/-	6d.
105 Yellow ...	6/-	6d.
106 Dark Yellow ...	3/6	4d.
107 Gold Brown ...	4/-	4d.
108 Brown ...	4/-	4d.
109 " " ...	4/-	4d.
110 Dark Brown ...	4/-	4d.
110A Brown, very dark ...	5/-	5d.
111 Red ...	15/-	1/-
112 Coral ...	10/-	9d.
113 Bright Red ...	9/-	8d.
114 Dark Ruby ...	10/-	9d.
115 Ruby Red ...	6/-	6d.
116 Bright Ruby Red ...	4/-	4d.
117 Rose ...	4/-	4d.
118 " " ...	4/-	4d.
119 Grey, Greenish ...	4/-	4d.
120 Grey ...	4/-	4d.
121 Blue Grey ...	4/-	4d.
122 Grey ...	4/-	4d.
123 Grass Green ...	4/-	4d.
124 " " light ...	4/-	4d.
125 " " " ...	4/-	4d.
126 " " " ...	4/-	4d.
127 " " dark ...	4/-	4d.
128 " " " ...	4/-	4d.
129 Green, Yellowish ...	4/-	4d.
130 " " " ...	4/-	4d.
131 " " " ...	4/-	4d.

Transparent on Copper—continued.

No.	Per lb.	Per oz.
132 Green, Ye'lowish ...	4/-	4d.
133 Steel Green, bright ...	4/-	4d.
134 " " ...	4/-	4d.
135 " " dark ...	4/-	4d.
136 " " very dark ...	4/-	4d.
137 Emerald Green ...	4/-	4d.
138 Deep Emerald Green ...	4/-	4d.
139 Clover Green ...	4/-	4d.
140 " " bright ...	4/-	4d.
141 Dark Green ...	4/-	4d.
142 " " ...	4/-	4d.
143 Blue Green ...	4/-	4d.
144 Olive Green ...	4/-	4d.
145 " " ...	4/-	4d.
146 Lilac ...	4/-	4d.
147 Ultra Violet ...	4/-	4d.
148 Violet, bright ...	4/-	4d.
149 " " ...	4/-	4d.
150 " " ...	4/-	4d.
151 " " ...	4/-	4d.
152 Heliotrope ...	4/-	4d.
153 Blue, very dark ...	4/-	4d.
154 " dark ...	4/-	4d.
155 " medium ...	4/-	4d.
156 " light ...	4/-	4d.
157 " very light ...	4/-	4d.
158 " " ...	4/-	4d.
159 Steel Blue ...	4/-	4d.
160 " " ...	4/-	4d.
161 " " ...	4/-	4d.
162 " bright ...	4/-	4d.
163 " " ...	4/-	4d.
164 " dark ...	4/-	4d.
165 Pale Violet ...	4/-	4d.
166 Violet Blue ...	4/-	4d.
167 Ultramarine Blue ...	4/-	4d.
168 " " dark ...	4/-	4d.
169 Turquoise ...	4/-	4d.
170 " bright ...	4/-	4d.
171 " " ...	4/-	4d.
172 " light ...	4/-	4d.
173 " very light ...	4/-	4d.
174 Turquoise ...	4/-	4d.
175 Opal ...	4/-	4d.
176 Black ...	4/-	4d.
177 " " ...	4/-	4d.
178 " " ...	4/-	4d.
179 " " ...	4/-	4d.
180 Crystal Black ...	6/-	6d.
181 Glitter ...	10/-	9d.
182 Dark Green ...	5/-	5d.
182A Light Green ...	5/-	5d.
183 Dark Blue ...	5/-	5d.
184 Green ...	5/-	5d.
185 Dark Green ...	5/-	5d.
186 " " ...	5/-	5d.
187 Orange ...	12/-	1/4
188 " " ...	4/-	4d.

Opaque Enamel on Copper.

200 White ...	3/-	3d.
201 " soft ...	3/-	3d.
202 " very soft ...	3/-	3d.
203 " " ...	4/-	4d.
204 Ivory ...	5/-	5d.
205 " soft ...	5/-	5d.
206 " softer ...	5/-	5d.
207 " dark, softer ...	6/-	6d.
208 Bright Yellow ...	4/6	4d.
209 Egg ...	4/6	4d.
210 Lemon ...	12/6	1/-
211 Emperor ...	4/6	4d.
212 Ochre ...	4/6	4d.
213 Orange ...	12/-	1/-
214 Violet Grey ...	4/6	4d.
215 " bright ...	4/6	4d.

Opaque Enamel on Copper—continued.

No.	Per lb.	Per oz.
216 Grey, neutral ...	4/6	4d.
217 " light ...	4/6	4d.
218 " lightest ...	4/6	4d.
219 Mouse Grey ...	4/6	4d.
220 Grey ...	4/6	4d.
221 " " ...	4/6	4d.
222 " " ...	4/6	4d.
223 Brown, light ...	4/6	4d.
224 " dark ...	4/6	4d.
225 Grass Green ...	4/6	4d.
226 " " ...	4/6	4d.
227 Leaf Green ...	4/6	4d.
228 " bright ...	4/6	4d.
229 " dark ...	4/6	4d.
230 Dark Green ...	4/6	4d.
231 " " ...	4/6	4d.
232 Green, Yellowish ...	4/6	4d.
233 " Greyish ...	4/6	4d.
234 Olive Green ...	4/6	4d.
235 Pea " ...	4/6	4d.
236 Bright " ...	4/6	4d.
237 Moss " ...	4/6	4d.
238 Parrot " ...	4/6	4d.
239 Light " ...	4/6	4d.
240 Green, very light ...	4/6	4d.
241 Leaf Green ...	4/6	4d.
242 Sap " ...	4/6	4d.
243 Blue ...	4/6	4d.
244 Light Blue ...	4/6	4d.
245 " " ...	4/6	4d.
246 " " ...	4/6	4d.
247 " " ...	4/6	4d.
248 " " ...	4/6	4d.
249 " " ...	4/6	4d.
250 " " ...	4/6	4d.
251 " " ...	4/6	4d.
252 Blue, very deep ...	4/6	4d.
253 Dark Blue, very deep ...	4/6	4d.
254 Sky Blue ...	4/6	4d.
255 " bright ...	4/6	4d.
256 " dark ...	4/6	4d.
257 Forget-me-not Blue ...	4/6	4d.
258 " " ...	4/6	4d.
259 " " soft ...	4/6	4d.
260 Dark Blue ...	4/6	4d.
262 Turquoise, dark ...	4/6	4d.
263 " light ...	4/6	4d.
264 " " ...	4/6	4d.
265 " greenish ...	4/6	4d.
266 " blue soft ...	4/6	4d.
267 " blue deep ...	4/6	4d.
268 " " ...	4/6	4d.
269 Glitter ...	10/-	9d.
270 Rose ...	6/-	6d.
271 Violet ...	6/-	6d.
272 " very deep ...	10/-	9d.
273 Rose ...	6/-	6d.
274 " " ...	6/-	6d.
275 Heliotrope, dark ...	6/-	6d.
276 " light ...	6/-	6d.
277 Meat Colour ...	6/-	6d.
278 Copper Red ...	8/-	8d.
279 Black ...	5/-	5d.
280 " soft ...	5/-	5d.
281 New Style Blue ...	5/-	5d.
282 " Green ...	6/-	6d.
283 " Turquoise ...	5/-	5d.
284 " " ...	5/-	5d.
285 " " ...	5/-	5d.
286 " " ...	5/-	5d.
287 Bluish Green ...	5/-	5d.
288 Putty Colour ...	3/-	3d.
289 Turquoise Blue ...	4/6	4d.
290 Greenish Turquoise ...	4/6	4d.
291 Light " ...	4/6	4d.
292 " " ...	4/6	4d.
293 Heliotrope ...	6/-	6d.

ENAMELS—continued.

Opaque Enamel on Copper—continued.

		Per lb.	Per oz.
294	Yellow ...	6/-	3d.
295	Pale Turquoise ...	4/6	4d.
296	Coral ...	10/-	9d.
297	Yellow ...	5/-	5d.
298	Heraldic Red ...	10/-	9d.
298A	" ...	10/-	9d.
299	Opaque Red ...	10/-	9d.
800	Turquoise ...	4/6	4d.
802	" ...	4/6	4d.
803	" ...	4/6	4d.
804	" ...	4/6	4d.
805	" ...	4/6	4d.

Opaque Enamel on Silver.

300	White ...	4/-	4d.
301	" ...	4/-	4d.
302	Ivory ...	7/6	8d.
303	" ...	7/6	8d.
304	Yellow, bright ...	7/6	8d.
305	Yellow ...	7/6	8d.
306	Grey, light ...	5/-	5d.
307	" dark ...	5/-	5d.
308	" greenish ...	5/-	5d.
309	" bluish ...	5/-	5d.
310	" olive ...	5/-	5d.
311	" reddish ...	5/-	5d.
312	Brown, light ...	5/-	5d.
313	" ...	5/-	5d.
314	Light Olive ...	5/-	5d.
315	Dark ...	5/-	5d.
316	Grass Green ...	5/-	5d.
317	Leaf ...	5/-	5d.
318	Moss ...	5/-	5d.
319	Dark ...	5/-	5d.
320	" ...	5/-	5d.
321	Yellowish Green ...	5/-	5d.
322	Parrot Green ...	5/-	5d.
323	Dark Blue ...	5/-	5d.
324	Lapis Blue ...	5/-	5d.
325	Blue, very deep ...	5/-	5d.
326	Turquoise ...	5/-	5d.
327	Rose, light ...	5/-	5d.
328	" dark ...	6/-	6d.
329	Black ...	5/-	5d.
330	Dark Blue ...	5/-	5d.
331	Crystal Black ...	6/-	6d.
332	Blue, very dark ...	5/-	5d.
333	Yellow ...	5/-	5d.
334	Ochre ...	5/-	5d.
335	Greyish Blue ...	5/-	5d.
336	Grey, light ...	5/-	5d.
337	" dark ...	5/-	5d.
338	Blue-Grey, dark ...	5/-	5d.
339	" light ...	5/-	5d.
340	Turquoise, dark ...	5/-	5d.
341	Ivory ...	5/-	5d.
342	Light Green ...	5/-	5d.
343	Turquoise, light ...	5/-	5d.
344	Purple dark ...	6/-	6d.
345	Blue-Grey, very light ...	5/-	5d.
346	Yellow Green ...	5/-	5d.
347	Turquoise ...	5/-	5d.
348	Blue Violet ...	5/-	5d.
349	Violet ...	6/-	6d.

Transparent Enamels on Gold.

351	Blue ...	10/-	9d.
352	Blue, dark ...	10/-	9d.
353	" very dark ...	12/-	1/-
354	" Violet ...	10/-	9d.
355	Steel Blue ...	10/-	9d.
356	Ruby, dark ...	£8	12/-
357	" medium ...	£5 10	9/3
358	" light ...	£3	5/3
359	Green ...	10/-	9d.
360	Yellow Green ...	10/-	9d.

Transparent Enamels on Gold—continued.

		Per lb.	Per oz.
361	Green, dark ...	10/-	9d.
362	Green ...	7/6	8d.
363	" light ...	10/-	9d.
364	" ...	10/-	9d.
365	" ...	10/-	9d.
366	Olive ...	10/-	9d.
367	Turquoise ...	10/-	9d.
368	" ...	10/-	9d.
369	Violet, dark ...	10/-	9d.
370	" light ...	12/-	1/-
371	Crystal ...	5/-	5d.
372	White ...	5/-	5d.
373	Black ...	7/6	8d.
374	Yellow ...	12/-	1/-
375	" ...	12/-	1/-
376	Brown ...	7/6	8d.
377	" ...	7/6	8d.
378	Orange ...	20/-	1/6
379	Pink ...	12/-	1/-
380	Grey ...	10/-	9d.
381	Ruby, dark ...	20/-	1/6
382	" medium ...	15/-	1/3
383	" light ...	12/-	1/-
384	" dark ...	25/-	1/9
385	Pink ...	12/-	1/-
140	Ruby Red ...	10/-	9d.

Prepared Enamel Colours for Painting on White or Ivory Enamel Ground.

		5 grms.
400	Iron Red ...	6d.
401	" ...	6d.
402	Chestnut Brown ...	6d.
403	Brown, dark ...	6d.
404	" ochre ...	7d.
405	Leaf Green ...	1/8
406	Dark Green ...	7d.
407	Egg Yellow ...	1/1
408	Lemon Yellow ...	6d.
409	Empire Purple ...	4/-
410	Rose ...	1/10
411	Violet ...	1/10
412	Bright Blue ...	7d.
413	Dark Blue ...	1/1
414	Black ...	6d.
415	Shading Brown ...	6d.
416	Prepared Gold Paint 1 grme. ...	6/-
417	Prepared Silver ...	8d.

Prepared Enamel Colours for Painting under Crystal.

		5 grms.
500	Bright Yellow ...	7d.
501	" Ochre ...	7d.
502	Brown ...	6d.
503	" ...	6d.
504	Grey ...	6d.
505	Dark Blue ...	7d.
506	Bright Blue ...	7d.
507	Dark Green ...	7d.
508	Bright Green ...	7d.
509	Iron Red ...	7d.
510	" ...	7d.
511	Rose Purple ...	1/2
512	Empire Purple ...	4/-
513	Violet, for shading ...	2/3
514	Iridium Black ...	8/-
515	" 1 gramme ...	2/3
516	Dark Blue ...	8d.
517	Photograph Purple ...	1/6
518	" ...	2/-
519	" Brown ...	2/-
520	" Black ...	3/9
521	White ...	6d.
522	Carmoisior ...	2/-

Liquid Enamels Opaque.

To be employed Cold.

Sold in bottles at 1/6 each, any Colour.

601	White
602	Angel Red
603	Turquoise
604	Brick Red
605	Leaf Green
606	Dark Blue
607	Carmine
608	Matternick Green
609	Air Blue
610	High Red
611	Lemon Yellow
612	Lemon Yellow
613	Olive Green
614	Rose
615	Pearl Grey
616	Blue, very deep
617	Chestnut Brown
618	Orange
619	Violet
620	Ivory Yellow
621	Black
622	Moss Green
623	Dark Blue
624	Coral Red
625	Lilac
626	Dark Brown
627	Parrot Green
628	Gold Brown
629	Prussian Brown

Ditto, Transparent.

701	Crystal
702	Yellow
703	Cornalin
704	Garnet Red
705	Ruby
706	Violet
707	Sapphire Blue
708	Emerald Green

NOTE.

Any special colour enamel matched to customers' patterns, not less than 2-lbs. supplied.

ENAMEL OR LACQUER.

No. 816. Standard quality, for coating metals in six colours, white, black, blue, red, green, transparent gold ... 9d. per bottle.

No. 817. "Pioneer" Blue Enamel. For Steel ... 7d. per bottle.

MATTING LIQUID.

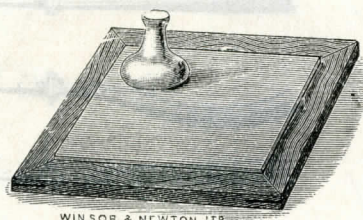
A composition of acids and chemicals. The enamels treated with this preparation give a subdued half gloss. Light coloured enamels (transparent) on silver if dulled in this way give refined, artistic effects, which may be heightened by dulling only some parts of the enamel surface.

Price, per rubber bottle containing 10-ozs.,

5/-

ENAMELLERS' SUNDRIES.

No. 803. GROUND GLASS SLABS.



WINSOR & NEWTON LTD.

		Glass Slabs only, each		Set in Wood. Frames, each.	
Ground Glass Slabs.	6 in. by 6	1	0	3	0
" "	8 " 8	1	6	4	0
" "	10 " 10	2	3	5	0
" "	12 " 12	3	6	6	0

No. 804. GLASS MULLERS.

For use on Ground Glass Slabs.

1 in. diameter	6d. each.
1½ in. "	9d. "
2 in. "	1/- "
2½ in. "	1/6 "
3 in. "	2/- "
4 in. "	2/6 "

No. 792.

ENAMELLERS' SPATULAS.

Heavily Nickelled Plated, price 1/6 each.



No. 807.

GLASS JARS FOR ENAMELS.

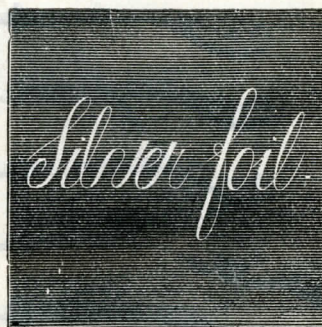
Metal Screw Caps, suitable for holding Enamels, etc.

2 oz. size.	4 oz. size.
Price 2½d each.	3d. each.
2/3 doz.	2/6 doz.

8 oz. size.

Price, 3½d. each.
3/- doz.

Gummed labels for bottles, 6d. per 100.



		s.	d.
SILVER FOIL.	For Enamellers ...	0	6 sheet.
" "	Thick ...	0	9 "
" "	All Colours, for Stones, etc., in Large sheets ...	1	2 each.
" "	Quarter sheets ...	0	4 "
GOLD FOIL.	Ordinary sheets ...	2	0 "
" "	Thick sheets ...	4	0 "
" "	Extra Thick ...	6	0 "

CARBORUNDUM FILES (for Enamel, etc.).



No. 585. Cut shows about two-thirds size.

Made in three grits: C—Coarse, D—Medium, F—Fine.

These Files can be used on both Metal and Porcelain.

Half Round Files, any grit ... 2/1 each.



No. 815.

ENAMELLERS' CABINET SAUCERS.

1. 2½ in. diam. ...	1/6
2. 2⅝ in. " ...	1/9
3. 3 in. " ...	2/-
4. 3¼ in. " ...	2/6

No. 807. SABLE BRUSHES.

IN SETS OF SIX.

Price, 3/6 per set.

No. 808. GUM TRACAGANTH.

Price, 4d. and 6d. per packet.

No. 809. SPIKE OIL OF LAVENDER.

Price, 9d. and 1/- per bottle.

No. 810. OIL OF TURPS.

Price, 4d. and 6d. per bottle.

No. 811. HYDROFLUORIC ACID.

Price, 1/9 per bottle.

No. 813. SILICA SLABS.

FOR INSIDE OF MUFFLE.

Size, 4 in. by 4 in. Price, 1/6 each.

No. 814. SILICA TRIPODS.

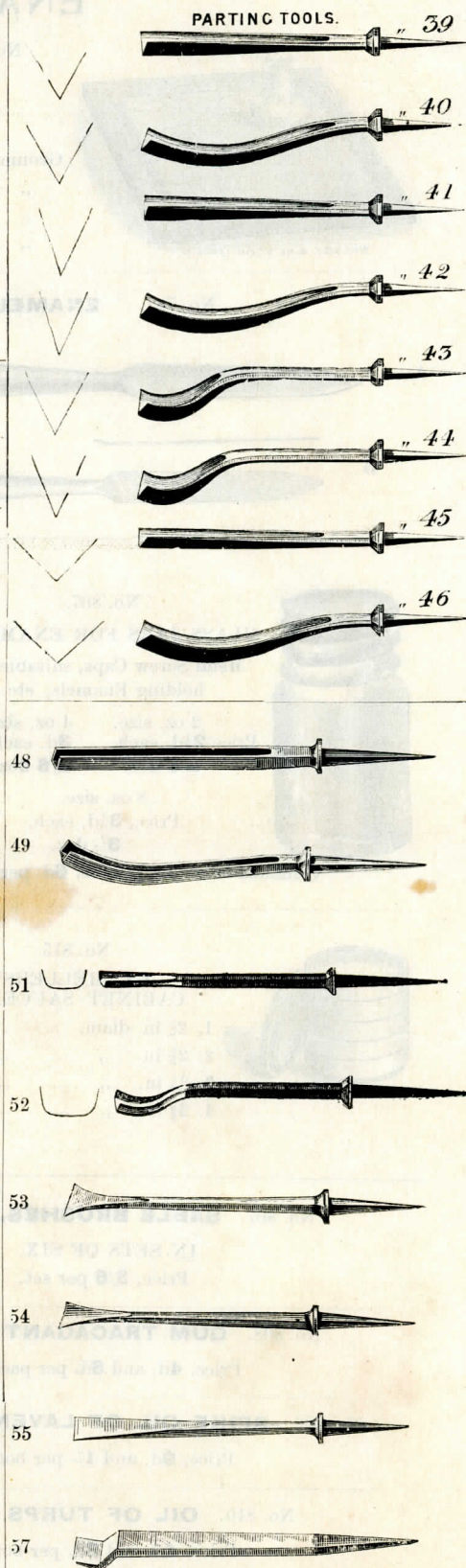
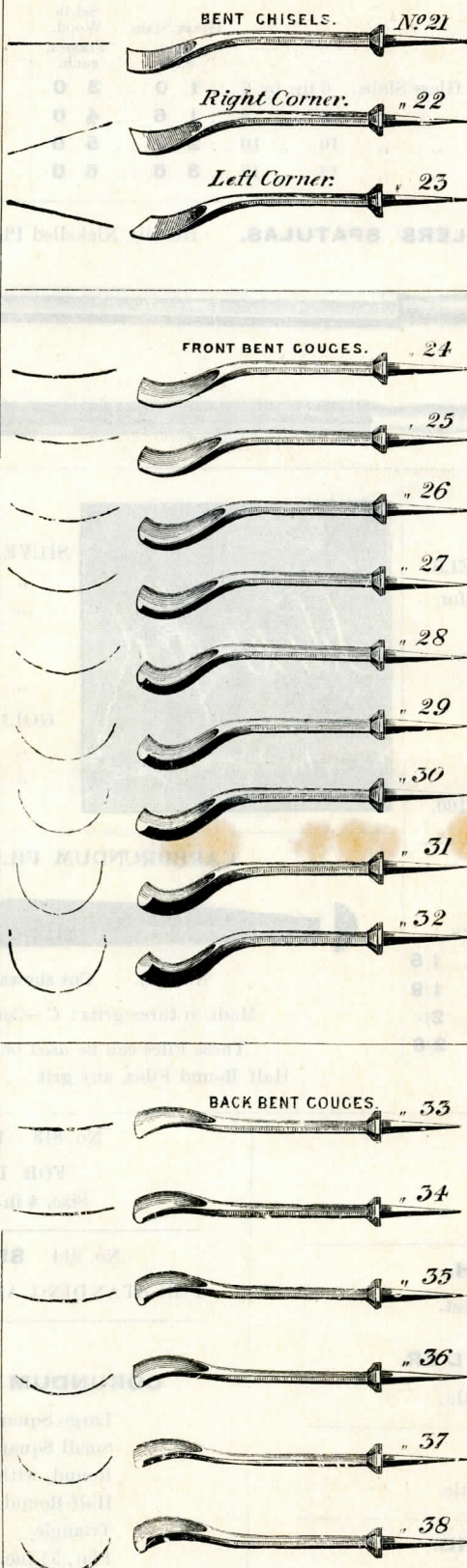
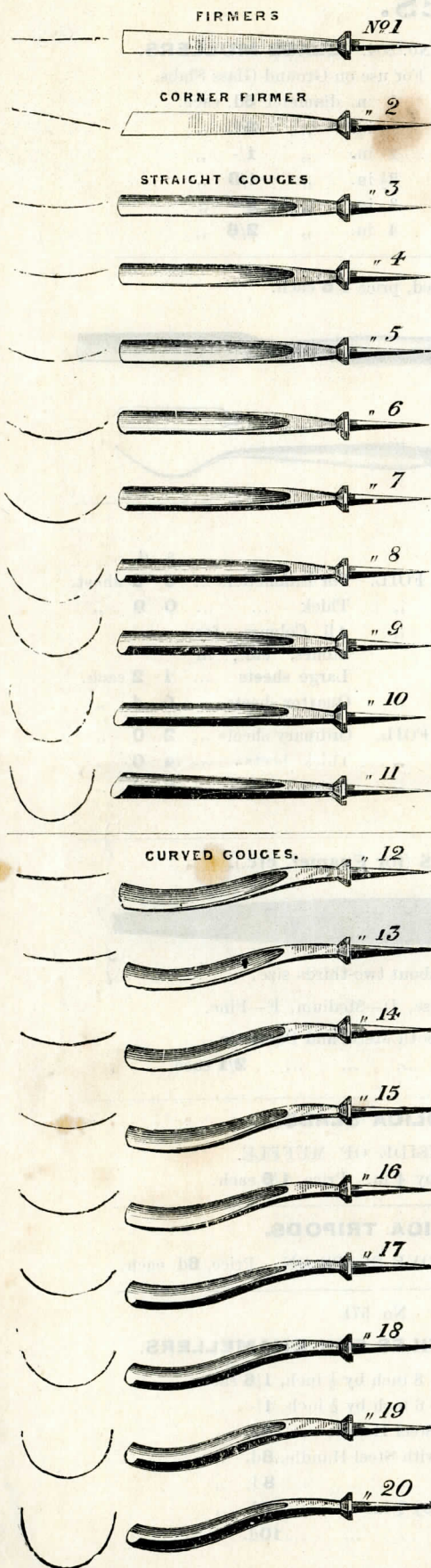
FOR STANDING ABOVE SLABS ON. Price, 6d. each.

No. 571.

CORUNDUM FILES FOR ENAMELLERS.

Large Square, 8 inch by ½ inch,	1/6 each.
Small Square, 6 inch by ⅜ inch,	1/- "
Round, with Steel Handle ...	8d. "
Half-Round, with Steel Handle,	8d. "
Triangle ...	8d. "
Flat, 5½ inch by ⅜ inch ...	7d. "
Knife Shape ...	10d. "

WOOD CARVERS TOOLS AND REQUISITES.



FOR PRICES SEE NEXT PAGE.

WOOD CARVERS' TOOLS AND REQUISITES.

Nos.		From $\frac{1}{8}$ to $\frac{1}{2}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{2}$ in.
		s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
1 & 2	Straight and Skew Chisels	6 0	6 0	6 0	7 0	8 0	8 6	10 6	11 6 doz.
2 $\frac{1}{2}$ to 9	Straight Gouges	7 0	7 0	7 0	8 3	9 3	9 9	12 0	13 6 "
10	"	8 0	8 0	8 0	9 0	12 0	14 0	16 0	20 0 "
11	"	8 0	8 0	9 0	12 0	14 0	16 0	20 0	24 0 "
12 to 18	Curved Gouges	8 6	8 6	8 6	9 6	13 0	15 0	18 0	20 0 "
11 & 20	"	8 6	10 6	10 6	13 0	15 0	18 0	20 0	24 0 "
21 to 23	Spoon Bit or Bent Chisels	7 6	7 6	7 6	7 6	10 6	13 0	15 0	18 0 "
24 to 30	Front Bent Gouges	8 6	8 6	8 6	9 6	13 0	15 0	18 0	20 0 "
31 & 31	"	8 6	10 6	10 6	13 0	15 0	18 0	20 0	24 0 "
33 to 38	Back "	8 6	8 6	8 6	9 6	13 0	15 0	18 0	20 0 "
		From $\frac{1}{8}$ to $\frac{1}{2}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{8}$	1 in.	
		s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	
39	Straight V Parting Tools	10 6	11 9	13 0	16 3	20 6	25 6	25 6 doz.	
40	Curved V "	11 6	12 9	14 0	17 3	21 6	26 6	26 6 "	
41	Straight V "	10 6	11 9	13 0	16 3	20 6	25 6	25 6 "	
42	Curved V "	11 6	12 9	14 0	17 3	21 6	26 6	26 6 "	
43 & 44	Spoon Bit V Parting Tools	11 6	12 9	14 0	17 3	21 6	26 6	26 6 "	
45	Straight V "	10 6	11 9	13 0	16 3	20 6	25 6	25 6 "	
46	Curved V "	11 6	12 9	14 0	17 3	21 6	26 6	26 6 "	
		$\frac{1}{8}$	$\frac{1}{4}$ in.						
		s. d.	s. d.						
47	Veining Tools	8 0	8 0	per doz.					
		$\frac{1}{2}$ in.							
		s. d.							
48	Best Shouldered—	14 0	per doz.						
	Macaroni Tools, Straight,	15 0	"						
49	" Curved	15 0	"						
50	" Spoon Bent	14 0	"						
51	Fluteroni Tools, Straight	15 0	"						
52	" Spoon Bent	15 0	"						
		$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in.			
		s. d.	s. d.	s. d.	s. d.	s. d.			
53	Best Round Shouldered—	6 0	6 0	7 0	8 0	8 6 per doz.			
54	Fish Tail Spade Chisels	7 0	7 0	8 3	9 3	9 9 "			
55	" " Gouges	6 6	6 6	6 6	9 6	12 0 "			
56	Long Pod " Chisels	7 6	7 6	8 6	12 0	14 0 "			
57	" " Gouges	8 6	10 6	13 0	15 0	18 0 "			
	Dog Leg Chisels	8 6	10 6	13 0	15 0	18 0 "			

EXTRAS

Handling in Ash or Beech to 1 inch, 2/3; above, 3/- doz. Handling in Boxwood to 1 inch, 4/-; above, 5/- doz. Handling in Rosewood to 1 inch, 5/-; above, 6/- doz. All London Pattern Carving Tools are Black outside and Bright inside. If Bright all over, 6d. per dozen extra; if Straw Coloured all over 9d. per dozen. If Handled Carving Tools are set ready for use, 5d. per doz. extra to Handling. If unhandled Carving Tools are ground sharp, 9d. per dozen extra; if ground sharp and set ready for use, 1/2 per dozen extra.

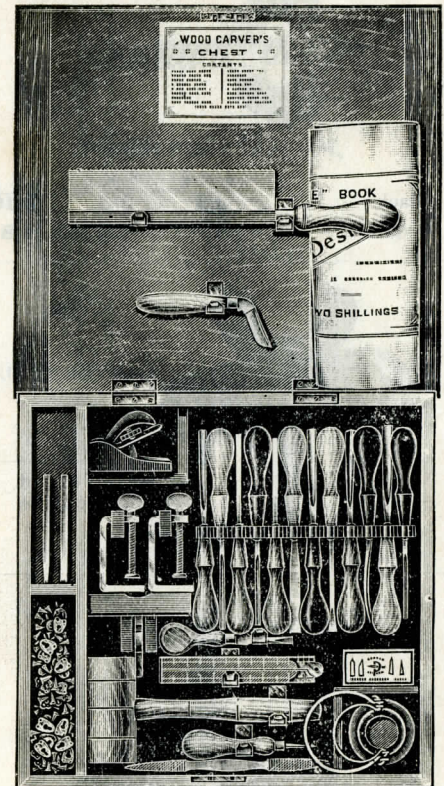
"SOUTH KENSINGTON SETS."

South Kensington Set Carving Tools, beech handled and ready for use, as recommended by the South Kensington School of Art

		s. d.			
90	Containing 7 tools, in cardboard box	6 6	set.		
91	" 7 " in polished pine box	9 0	"		
92	" 12 " in cardboard box	11 0	"		
93	" 12 " in polished pine set	14 0	"		
94	" 18 " in cardboard box	16 6	"		
95	" 18 " in polished pine box	19 6	"		

LADIES' STRAW COLOURED CARVING TOOLS IN SETS.

		Number of Tools in each Set	6	12	18	24	36
			s. d.	s. d.	s. d.	s. d.	s. d.
84	Not Handled and not ground sharp,	...	3 9	7 3	10 3	14 3	21 3
85	Fancy Hardwood Handled, ready for use,	...	5 9	11 6	17 0	22 0	33 0
86	" " in polished pine boxes, do.	...	7 6	13 3	20 6	27 6	41 0
87	" " oak " do.	...	9 6	15 9	23 6	31 0	47 0
88	" " mahogany " do.	...	12 6	19 0	28 6	36 0	54 0
89	" " in cloth-lined canvas rolls, do.	...	15 0	20 0	27 0	...	...



171. Wood Carvers' Outfit.



95. South Kensington Set Ladies' Carving Tools, in Polished Pine Box.

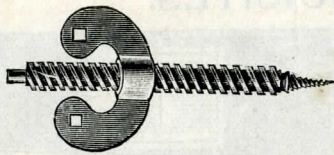
WOOD CARVERS' OUTFITS.

		s. d.			
170	Polished Pine Rack, with 5 Tools, Mallet, Punch, Cramp, Bent Knife, Compasses, Oilstone, etc.	11 0	per set.		
171	Polished Pine Lock-up Box, 16 x 15 x 3 inches, with 12 Hardwood Handled Tools, Mallet, 2 Punches, Book of Designs, 2 Cramps, Router, Riffler File, Set of Arkansas Slips, Block Plane, Glue Kettle	31 0	"		

CHIP CARVING OUTFITS.

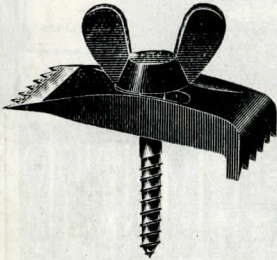
		s. d.			
166	Card, with 3 Tools, Mallet, Punch, 3 Brushes, Oilstone, Bottle of Stain, Bottle of Polish, Book of Instructions, Sheet of Designs, etc.	5 0	per set.		
167	Polished Pine Rack, with 5 Tools, Mallet, Punch, Cramp, Bent Knife, Oilstone, Compasses, Sheet of Designs, etc.	10 0	"		

CARVING TOOL REQUISITES.



164. CARVER'S SCREW.

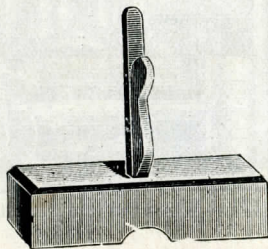
		6 × $\frac{1}{8}$	8 × $\frac{1}{8}$	8 × $\frac{1}{4}$
Black	..	8/3	3/6	3/10
Bright	...	4/-	4/4	4/8



160.

CARVER'S CLIP.

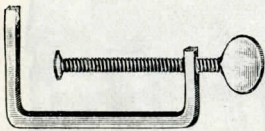
Nos. 1 2 3

Price 3d. 4d 5d.
each.

149. ROUTERS.

Beechwood, Small	...	1/-	Large	1/7
Boxwood	..	1/3	..	2/-

158. CARVER'S STROP. 1/- each.



163.

CRAMP.

162. Wood Carver's Common Japanned Cramps.

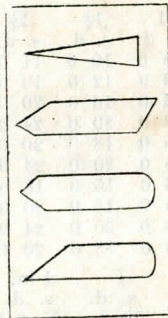
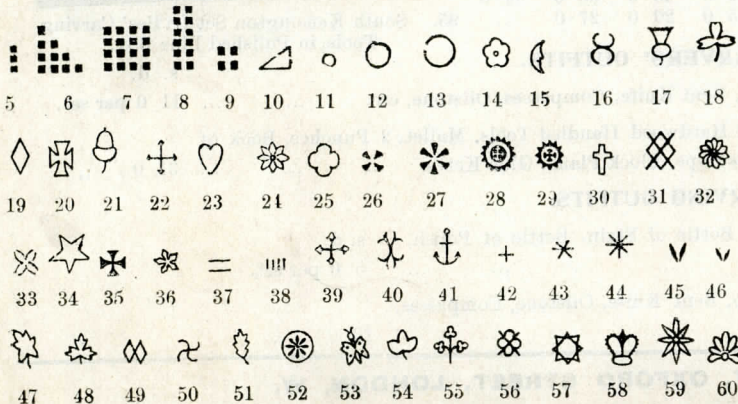
2½	3	3½	4	5 inches.
5/3	6/-	6/9	7/6	9/- per doz.

163. Wood Carver's Wrought Iron Cramps, square threads, to take in 4 inches, 11/- per doz.

159. CARVING OR BUHL PUNCHES.

Bright, any Pattern or assorted.

Price, per doz., 8/- Single 9d. each.



153. ARKANSAS SLIPS.

Set of 4 assorted.

Price 3/9

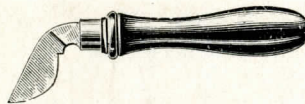


132.

WOODCARVER'S MALLET.

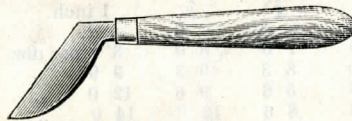
Prices each :-

Lignum Vitæ	1/7
Beechwood	1/1
Boxwood	2/7



135.

London Carving Knife, Handled. Price 8d.



139.

Whittle Shape Carving Knife. Handled.
Price 10d.

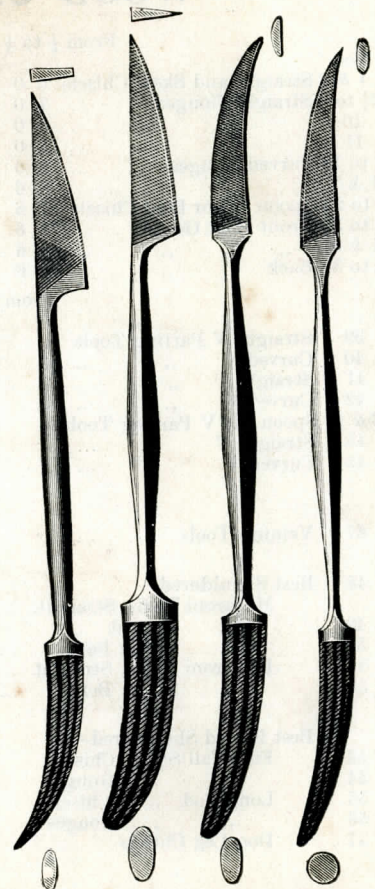
146.

Liverpool Carving Knife, not Handled.
Price 9d.

147.

LONG HANDLE KNIVES.

1½	2	2½ inches.
10d	11d.	1/2 each.



161. CARVER'S RIFFLES.

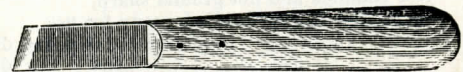
7	8	10 inches.
12/9	15/6	21/6 per doz.



124. HANDLES.

Beechwood 1/3 doz; Boxwood 2/3 doz.

Rosewood 2/6 doz.



140.

Price 10d. each.



144.

Price 1/2 each.

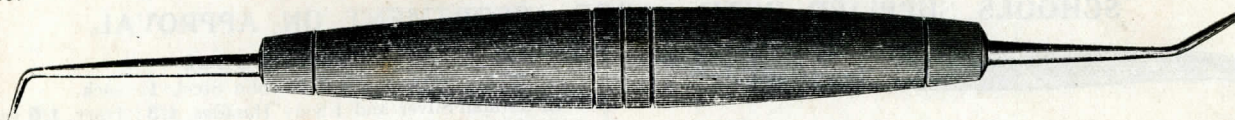


141.

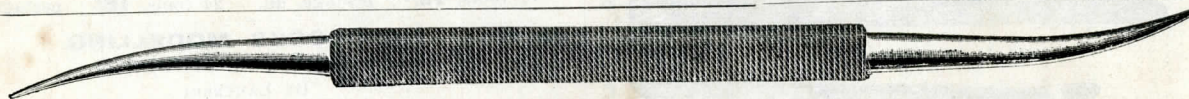
Price 9d. each.

P.C.L. LEATHER WORKERS' TOOLS.

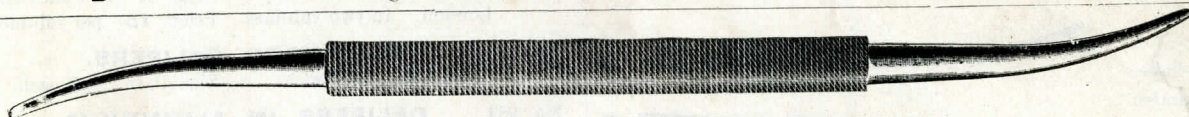
No. 909.



A Dresden Tool. Price 1/- each.



B Large Modeller, Double Ended. Price 1/6 each.



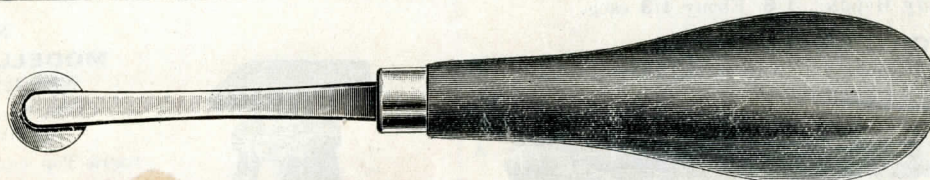
C Small Model, Double Ended. Price 1/3 each.



D Double Ended Point. Price 1/3 each.



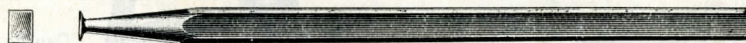
E Cutting Knife. Price 1/- each.



F Tracing Wheel. Price 1/6 each.



G Oval Nail Head Punch. Price 9d. each.



H Oblong Nail Head Punch. Price 9d. each.

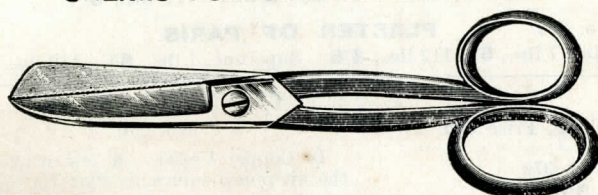


I Square Nail Head Punch. Price 9d. each.



J Beading Tool. Price 10d. each.
For other fancy patterns see page 6.

SHEARS FOR CUTTING LEATHER.



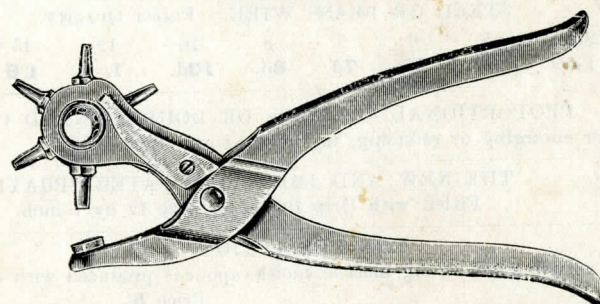
No. 910.

8-ins. long. Will cut leather $\frac{1}{2}$ -in. thick with the greatest ease.

Price 3/- pair.

A child could cut the thickest bands without any difficulty with a pair of these.

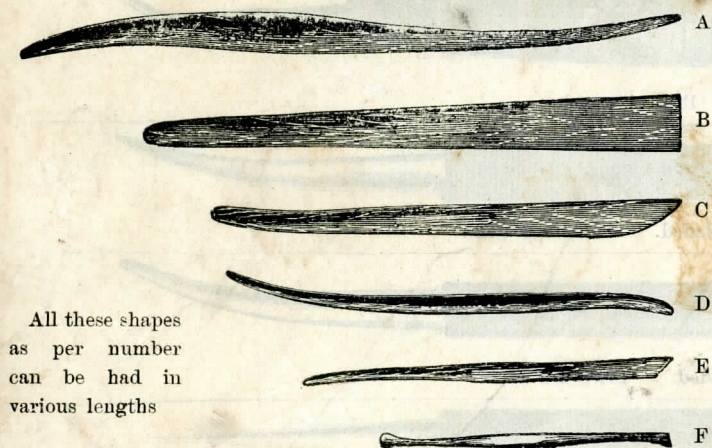
No. 911. REVOLVING PUNCH PLIERS.



Price 5/6 each. Cheap quality, 4/6.
Single Punch Pliers 1/9 each.

MODELLING TOOLS, Etc.

SCHOOLS SUPPLIED WITH LARGE ASSORTMENT ON APPROVAL.

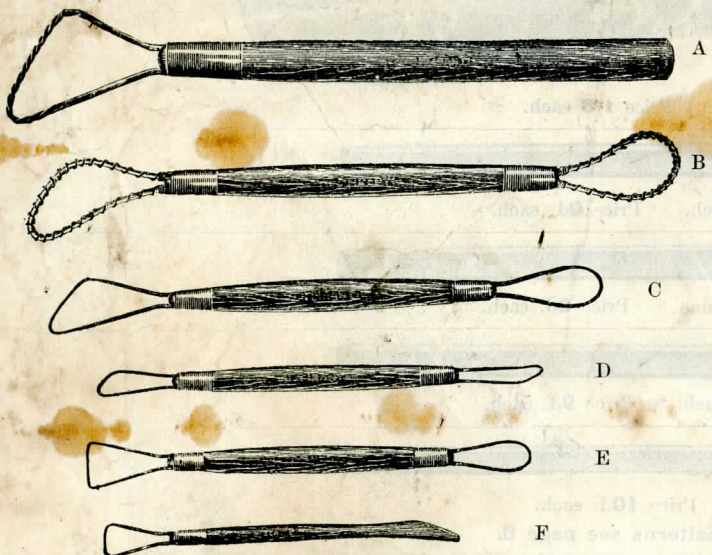


All these shapes
as per number
can be had in
various lengths

No. 947. **MODELLING TOOLS.** IN BOXWOOD.
Size ... 5 6 7 8 10 12 14 in.
Price ... 3d. 4d. 5d. 6d. 8d. 10d. 1/- each.
Superior finish, a little extra.

No. 948. **MODELLING TOOLS.**
With Rubber Tips, of special advantage for small work.
With Ivory Handles, 1/6, Ebony 1/3 each.

No. 949. **IVORY SMALL TOOLS.**
From 10d. to 1/6 each, Any special shape to order.



No. 950. **WIRE MODELLING TOOLS.**
STEEL OR BRASS WIRE. FINEST QUALITY.
Size ... 5 6 7 8 10 12 15 in.
Price ... 5d. 6d. 7d. 8d. 10d. 1/- 1/6 each.

PROPORTIONAL CALIPERS OR DOUBLE-ENDED CALIPERS. No. 971.
For enlarging or reducing, in Boxwood and Brass Point. 30 inches long, Price 8/6

THE NEW AND IMPROVED WATER SPRAYER. No. 972.
Fitted with Drip Preventor, size 12 by 1 inch. Price, 3/6.

THE PERFECTION SPRAYER. No. 973.
A very fine and strong blast of moist vapour is produced with each stroke of the pump.
Price 5/-

PLASTERING TROWELS. No. 974.
Prices, 2/3, 2/6 and 3/- each.

No. 951. **WIRE TOOLS.**
Very small, from solid Steel, 1/- each.
In German Silver and Ebony Handles, 1/3; Ivory, 1/6 each.
Useful sets of 12 small tools for Plaster, 7/9; postage, 3d.
18 tools, 12/-; postage, 4d. 24 tools, 16/-; postage, 5d.

No. 952. **HANDBOOKS MODELLING.**
A GUIDE FOR STUDENTS.
By LANTERRI.
Professor of Sculpture at the Royal College of Art, South Kensington,
London. In two volumes. Price, 15/- per volume.


No. 953. **HARDWOOD CALIPERS.**
Size 8 in., 1/3 each. Size 10 in., 1/6 each.

No. 954. **CALIPERS IN ALUMINIUM.**
LIGHT AND STRONG.
Size 12 in., 3/- each. 16 in., 3/6 each. 20 in., 4/6 each.

No. 955. **HANDLED ZINC MALLET.**
ROUND OR SQUARE.
2 lbs., 2/- each. 2 1/2 lbs., 2/6 each.

No. 956. **LARGE WOOD COMPASSES.**
With Pencil Holder or Steel Points.
Size 12 14 16 18 20 24 30 36 in.
Price 2/6 3/- 3/6 4/- 4/6 5/- 5/6 6/6 each.

No. 957. **MODELLING STAND.**
With Rotary Platform.
In Beech, £1 each.
In Oak, £1 5s. .,
Extra Top can be supplied, which
can be fixed at any angle.
18 by 18 in., 5/- each.



No. 958. **NEW UNIVERSAL MODELLING STAND FITTING.**
Can be fixed to any stand, and revolves
into any position as required by the
artist.
Made of the best gun-metal.
Price, £1 10s.

No. 959. **MODELLING WAX.**
French make, Red colour, 3/- per lb.
" " Brown " 2/6 "

No. 960. **HARBUTT'S PLASTICINE.**
1/2 per lb. For quantity over 7 lbs., 1/- per lb.

No. 961. **MODELLING CLAY.**
14 lbs., 1/6. 28 lbs., 2/6. 112 lbs., 8/-.

No. 962. **PLASTER OF PARIS.**
Fine, 7 lbs., 6d. 112 lbs., 4/6. Superfine, 7 lbs., 8d. 112 lbs., 9/-.

PNEUMATIC SPRAYER.
No. 970.

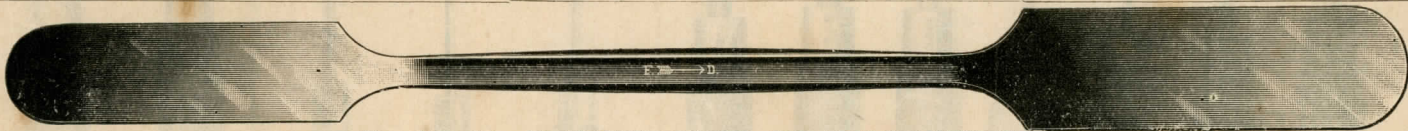
In Copper Vessel. A few strokes of
the air-pump suffice to start the spray,
which will continue in action for several
minutes when required without pumping.
A stop-cock is provided to shut off the
spray when not in use. The handle is
tubular, so that a stick may be inserted
for the purpose of raising the sprayer to
positions otherwise out of reach.
Price, £1 5s.

PLASTER MODELLING TOOLS.



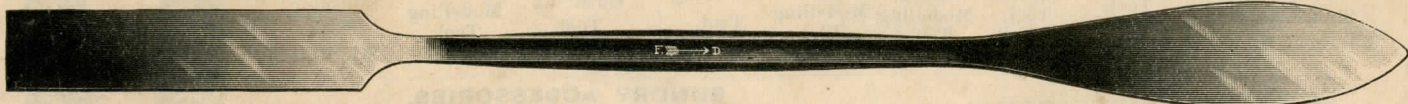
Nos 400-406. FLAT, SLIGHTLY ANGULAR, ONE WIDE AND ONE NARROW END.

No.	Length.	Width.	Price.	No.	Length.	Width.	Price.	No.	Length.	Width.	Price.	No.	Length.	Width.	Price.
400	150 mm.	8 x 6 mm.	10d.	401	175 mm.	10 x 8 mm.	10d.	402	200 mm.	12 x 10 mm.	10d.	403	215 mm.	15 x 12 mm.	11d.
404	225 "	20 x 15 "	1/-	405	235 "	25 x 17 "	1/1	406	250 "	30 x 20 "	1/3				



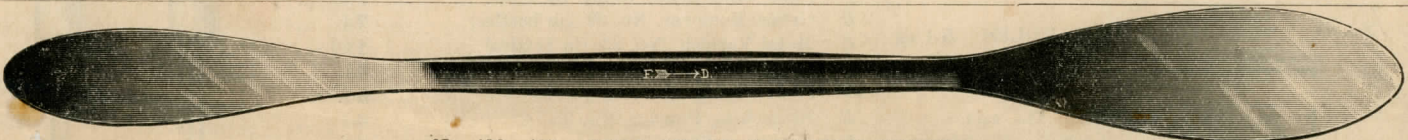
Nos 410-414. FLAT WITH ROUND END SLIGHTLY CURVED.

No.	Length.	Width.	Price.	No.	Length.	Width.	Price.	No.	Length.	Width.	Price.
410	170 mm.	10 x 12 mm.	10d.	411	190 mm.	12 x 16 mm.	10d.	412	205 mm.	16 x 20 mm.	11d.
413	225 "	20 x 25 "	11d.	414	240 "	25 x 30 "	1/-				



Nos. 420-426.

No.	Length.	Width.	Price.	No.	Length.	Width.	Price.	No.	Length.	Width.	Price.	No.	Length.	Width.	Price.
420	160 mm.	6 x 8 mm.	10d.	421	170 mm.	8 x 10 mm.	10d.	422	180 mm.	10 x 12 mm.	10d.	423	190 mm.	12 x 14 mm.	11d.
424	215 "	16 x 18 "	11d.	425	240 "	20 x 25 "	1/-	426	260 "	25 x 30 "	1/-				



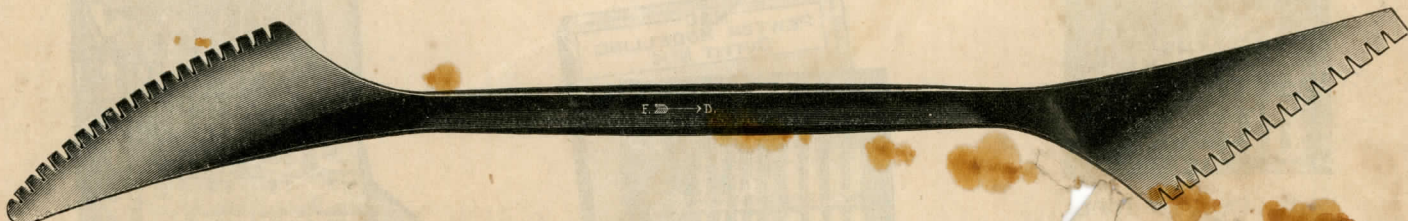
No. 430-437. OVAL SHAPE SLIGHTLY CURVED.

No.	Length.	Width.	Price.	No.	Length.	Width.	Price.	No.	Length.	Width.	Price.	No.	Length.	Width.	Price.
430	150 mm.	4 x 6 mm.	8d.	431	174 mm.	8 x 12 mm.	8d.	432	180 mm.	10 x 15 mm.	10d.	433	195 mm.	15 x 20 mm.	10d.
434	205 "	20 x 25 "	1/-	435	250 "	25 x 30 "	1/-	436	300 "	30 x 40 "	1/3	437	350 "	40 x 50 "	1/3



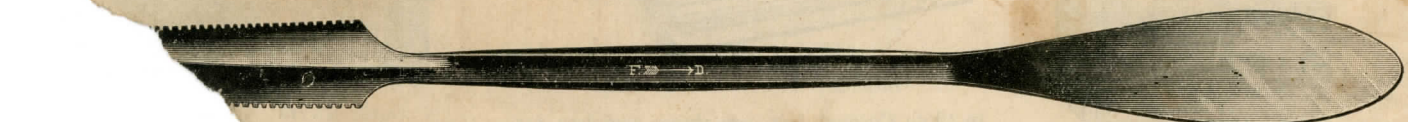
No. 440-447. CURVED SHAPE WITH TEETH.

No.	Length.	Width.	Price.	No.	Length.	Width.	Price.	No.	Length.	Width.	Price.	No.	Length.	Width.	Price.
440	180 mm.	10 mm.	1/1	441	215 mm.	12 mm.	1/1	442	240 mm.	14 mm.	1/2	443	260 mm.	16 mm.	1/2
444	280 "	18 "	1/2	445	310 "	20 "	1/3	446	350 "	25 "	1/6	447	380 "	30 "	1/8



Nos. 460-466. KNIFE SHAPE, ONE END FLAT, OTHER CURVED.

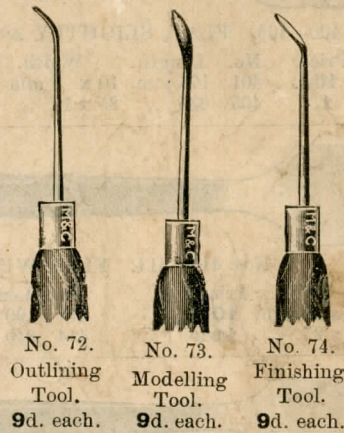
No.	Length.	Width.	Price.	No.	Length.	Width.	Price.	No.	Length.	Width.	Price.	No.	Length.	Width.	Price.
460	150 mm.	16 mm.	10d.	461	160 mm.	8 mm.	10d.	462	190 mm.	10 mm.	11d.	463	210 mm.	15 mm.	11d.
464	250 "	20 "	1/-	465	280 "	25 "	1/1	466	310 "	30 "	1/2				



No. 450-454. BENT CURVED KNIFE SHAPE WITH OVAL SPATULA.

No.	Length.	Width.	Price.	No.	Length.	Width.	Price.	No.	Length.	Width.	Price.
451	230 mm.	12 x 16 mm.	10d.	452	260 mm.	16 x 20 mm.	1/-				
453	25 "	1/1		454	350 "	30 x 37 "	1/2				

Tools and Accessories for Pewter Relief Modelling.

PEWTER MODELLING TOOLS. Handled.
(6 inches long)**SILVER MODELLING TOOLS.** Handled.
(5½-inches long).**DOUBLE PEWTER TOOLS.****SUNDRY ACCESSORIES.**

No. 933.

A	Linoleum, 10-ins. by 8-ins. ...	6d. each.
B	Felt, 10-ins. by 8-ins. ...	6d. "
C	Plate Glass Slabs, 10-ins. by 8-ins. ...	10d. "
D	Grease Remover, No. 92 (in bottles) ...	7d. "
E	Metal Varnish, No. 93 (in bottles) ...	11d. "
F	Patina Pewter Colouring, No. 89 (in bottles) ...	9d. "
G	Ivory Filling Material, No. 94 ...	5d. "
H	Burnishing Powder, No. 95 ...	4d. "
I	Mounting Pins (in boxes) ...	4d. "
J	Hammer ...	10d. "

SHEETS OF METAL.

PEWTER SHEET. Soft and pliable, specially prepared.

1st Quality ... 2/9 lb.

SILVER SHEET ... 2/9 oz. roy.

BRASS SHEETS ... 1/1 lb.

COPPER SHEETS ... 1/4 "

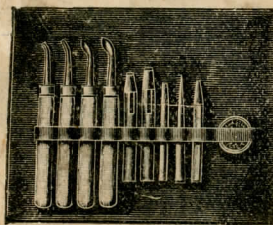
No. 84. EMBOSING IRON 7d. each.

No. 85. PIERCER FOR NAIL HOLES. 5d. ea

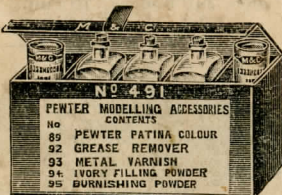
No. 86. NAIL DRIVER. 3d. each

No. 87. PUNCH FOR STONE HOLES.

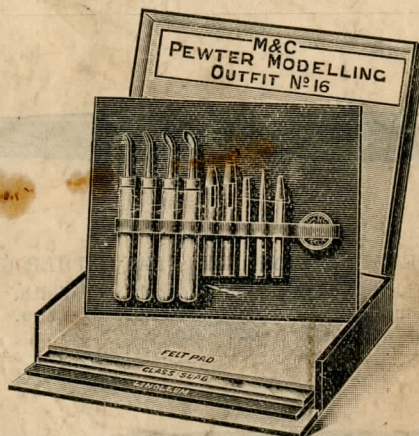
Size	2	4	6	8	11
Prices	6d.	4d.	6d.	7d.	9d.

PEWTER MODELLING OUTFITS.

No. 19. CARD OF TOOLS
3/6 each.
Consisting of 9 Modelling Tools
with box of Nails.



No. 491. SET OF LIQUIDS
AND POWDERS.
In Cardboard Box, 2/9 each.



Outfit No. 16 ... 6/- each.

In Cloth Covered Box, containing complete Set
of 9 Modelling Tools, Felt Pad, Linoleum, Glass
Slab, Mounting Pins.



Outfit No. 18

In Cloth Covered
a complete Set of
accessories, Tin
Boxes to